

JUNE 1990  
VOL. 43 NO. 6

ISSN 0027-0296

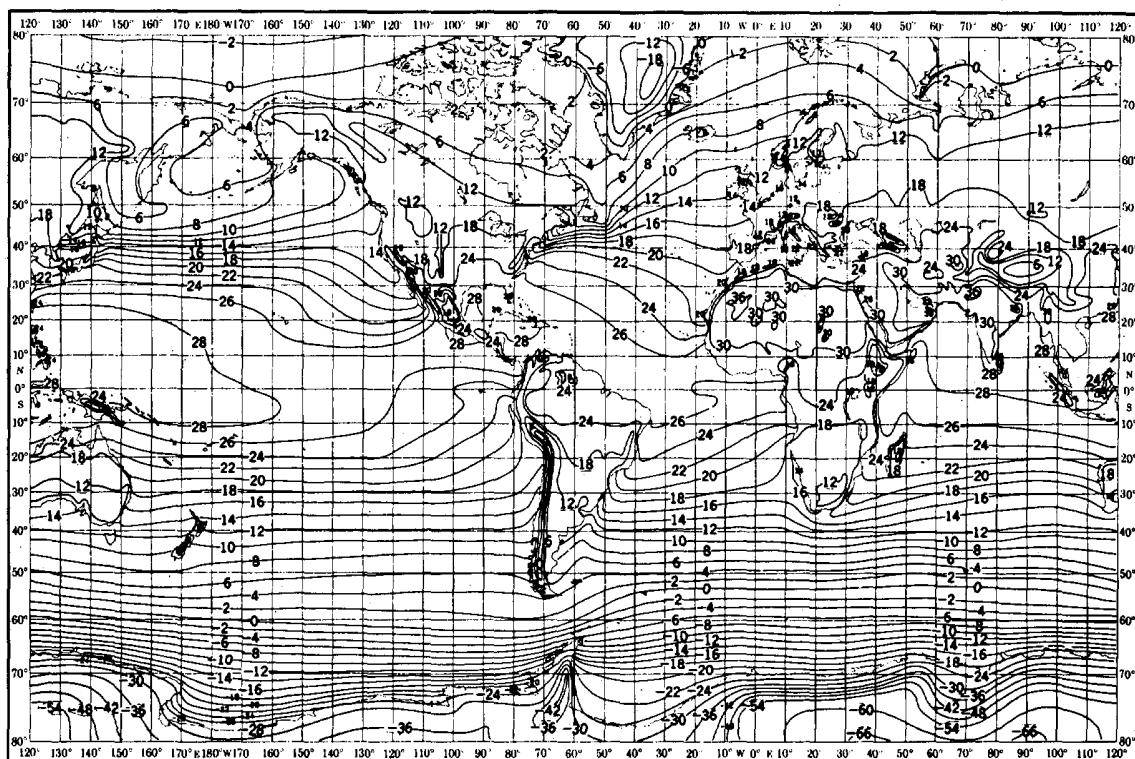


# MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

JUNE

SURFACE AIR TEMPERATURE (°C) - MEANS



Explanation on back cover

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND  
IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL  
CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA."

28801

*Kenneth D. Wadlen*

DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION    NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE    NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

## PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

## REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9; Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMATE and/or CLIMAT TEMP stations in the near future.

## SURFACE DATA TABLES

DAYS OBS.: The number of days on which observations were taken. Column will be blank if days are not reported.  
PRESSURE: Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.  
TEMPERATURE: Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.  
DAYS 1 MM: The number of days on which precipitation was 1 mm or more.  
PRECIPITATION: Total precipitation and departure from AVERAGE in mm. "T" indicates an amount less than 0.5 mm.  
QUINTILE: Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.  
% OF AV.: Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1931-60.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

## UPPER AIR DATA TABLES

HEIGHT: Mean height of pressure surfaces in gpm. Asterisk (\*) indicates station elevation.  
VECTOR WIND: Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing, days equals 9, nine or more days of wind data are missing.  
STEADINESS: Ratio of mean vector wind speed to mean scalar wind speed.  
OB: Observation time code: 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina, U. S. A.

## PUBLICATION STAFF

Jay Hollifield, Meteorological Technician

Monthly Climatic Data for the World (ISSN-0027-0296) is published monthly by the National Climatic Data Center, National Environmental Satellite, Data, and Information Service, NOAA, Asheville, North Carolina, U. S. A.

## SUBSCRIPTION, PRICE, AND ORDERING INFORMATION IS AVAILABLE FROM THE

NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
ASHEVILLE, NORTH CAROLINA, USA 28801-2696

EUROPE-NORWAY

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	% OF AV.				
<b>EUROPE</b>																		
<b>NORWAY</b>																		
01001 JAN MAYEN	7056N	00840W	9	1014.0	1015.1	3.1	1.1	6.9	0.7	6	17	-16	1					
01008 SVALBARD LUFTHAVN	7815N	01528E	29	1013.0	1016.6	2.8		5.7		1	3							
01025 TROMSO/LANGNES	6941N	01855E	10	1011.9	1013.0	11.0	1.9	8.0	-0.3	6	55	-5	2					
01028 BJORNØYA	7431N	01901E	14	1014.9	1016.6	2.5	0.5	5.2	-1.1	2	8	-18	1					
01098 VARDO	7022N	03106E	15	1013.5	1015.2	6.8	0.6	8.9	0.9	2	5	-36	0					
01152 BODO VI	6716N	01422E	13	1010.4	1011.9	11.9	1.6	11.0	1.8	8	42	-22	2					
01241 ORLAND III	6342N	00936E	7	1009.7	1010.8	13.0	1.7	12.1	1.1	5	28	-43	1					
01317 BERGEN/FLORIDA	6023N	00520E	36	1005.0	1009.2	14.3		12.6		14	109		2					
01384 OSLO/GARDERMOEN	6012N	01105E	204	986.2	1010.2	14.2	0.2	11.5	0.9	11	81	7	4					
01415 STAVANGER/SOLA	5853N	00538E	9	1008.7	1009.7	12.8	0.1	12.6	1.2	10	61	-13	3					
<b>SWEDEN</b>																		
02080 KARESUANDO	6827N	02230E	327	973.8	1012.7	10.5	0.3	7.8	-1.1	8	41	-4	3					
02128 GUNNARN	6501N	01741E	281	978.8	1012.1	12.7		9.2		10	42	2						
02196 HAPARANDA	6550N	02409E	6	1010.8	1011.7	12.9	0.3	9.3	-0.9	5	31	-8	2					
02226 OSTERSUND/FROSÖN	6311N	01430E	366	968.5	1012.1	12.0	-0.2	8.7	-1.2	6	19	-47	1					
02361 HARNOSAND	6238N	01757E	8	30	1010.8	1012.0	12.7	-0.6	10.5	-0.5	9	44	-4	3				
02418 KARLSTAD FLYGPLATS	5922N	01328E	55	1004.2	1010.8	14.7	-0.2	12.6	1.1	7	113	67	5					
02464 STOCKHOLM/BROMMA	5921N	01757E	11	1010.2	1011.6	14.9	-0.7	11.7	0.0	10	39	-7	3					
02512 GOTEBORG/SAVE	5747N	01153E	53	1004.9	1011.3	15.0	-0.2	11.9	-0.1	12	93	37	5					
02550 JONKOPING FLYGPLATS	5746N	01405E	232	984.0	1011.3	14.6	0.2	12.1	0.4	10	90	42	5					
02590 VISBY FLYGPLATS	5740N	01821E	47	1006.1	1011.8	14.5	0.4	12.6	0.7	4	26	0	3					
<b>FINLAND</b>																		
02801 KILPISJÄRVI	6903N	02047E	476	30	956.6	1013.3	8.3	0.8	7.5		9	47	10	4				
02805 KEVO	6945N	02702E	101	30	1002.3	1014.4	10.1	0.5	7.7	-0.4	4	16	-23	1				
02836 SODANKYLA	6722N	02639E	179	30	991.1	1012.7	10.7	-0.9	8.1	-0.5	7	90	33	5				
02869 KUUSAMO	6558N	02911E	263	30	980.9	1012.4	10.4	-1.2	8.5	-0.7	6	58	-2	2				
02875 OULU	6456N	02522E	15	30	1009.7	1011.5	13.5	0.0	10.0	-0.1	8	38	-7	3				
02897 KAJAANI	6417N	02741E	136	30	995.5	1011.7	12.5	-0.8	9.9	0.0	6	34	-22	1				
02911 VAASA	6303N	02146E	4	30	1010.0	1011.0	13.6	0.0	10.7	0.3	6	48	10	4				
02929 JOENSUU	6240N	02938E	117	30	997.0	1011.0	12.6	-1.8	8.5	-1.9	9	47	-7	3				
02935 JYVÄSKYLÄ	6224N	02541E	145	30	993.5	1010.8	13.1	-1.0	10.1	-0.2	7	29	-23	1				
02942 NIINISALO	6151N	02286E	136	30	994.7	1010.9	13.7	-0.6	10.0	-0.4	5	30	-17	2				
02958 LAPPEENRANTA	6105N	02809E	106	30	997.8	1010.4	13.6	-1.5			8	38	-4	3				
02963 JOKIOINEN	6049N	02330E	103	30	998.4	1010.6	14.4	0.0	10.1	-0.4	3	20	-24	1				
02972 TURKU	6031N	02216E	59	30	1003.9	1010.9	15.0	0.3	10.1	-0.5	5	25	-13	2				
02974 HELSINKI-VANTAA	6019N	02458E	56	30	1003.9	1010.6	15.0	0.0	10.1	-0.7	5	25	-17	2				
<b>UNITED KINGDOM</b>																		
03005 LERWICK	6008N	00111W	84	999.5	1009.4	10.4	0.5	11.1	0.5	18	134	71	88	56				
03026 STORNOWAY	5813N	00619W	13	1007.3	1009.0	11.6	0.2	11.1	-0.4	16	77	10	4	105				
03091 ABERDEEN/DYCE	5712N	00213W	65	1001.4	1009.1	11.9	-0.2	11.1	0.0	12	91	37	5	131				
03100 TIREE	5630N	00653W	12	1008.0	1009.1	12.0	-0.1	11.8	0.0	16	102	36	5	199				
03160 EDINBURGH AIRPORT	5557N	00321W	41	1005.2	1009.5	13.1	0.1	11.1	-0.3	11	98	52	5	152				
03162 ESKDALEMUIR	5519N	00312W	242	981.5	1010.4	11.1	-0.5	11.1	0.3	20	151	56	5	127				
03257 LEEMING	5418N	00132W	40	1006.9	1010.8	13.6	0.2	11.4	-0.1	13	80	32	5	105				
03302 VALLEY	5315N	00432W	11	1010.1	1011.5	13.6	0.0	12.3	0.5	14	40	-13	2	183				
03334 MANCHESTER AIRPORT	5321N	00216W	78	1002.3	1011.5	13.6	-0.7	11.6	0.0	16	84	21	4	105				
03377 WADDINGTON	5310N	00031W	70	1003.1	1011.6	13.7	-0.3	11.7	-0.5	12	61	9	4	117				
03534 BIRMINGHAM/AIRPORT	5227N	00144W	99	1000.5	1012.2	13.9	-0.1	11.4	-0.2	13	62	9	3	119				
03715 CARDIFF-WALES AIRPORT	5124N	00321W	67	1005.3	1013.1	14.0	0.0	11.9	-0.4	12	73	10	4	148				
03776 LONDON/GATWICK AIRPORT	5109N	00011W	62	1006.4	1013.4	13.9	-0.4	12.1	-0.4	10	63	4	4	144				
03827 PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	1010.7	1014.0	13.9	-0.3	12.7	-0.3	15	80	24	5	148				
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11	1012.3	1013.6	13.6	-0.7	12.7	0.3	10	50	-10	3	139				
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	1002.0	1010.3	13.0	-0.2	11.5	-0.1	16	118	54	5	157				
<b>IRELAND</b>																		
03953 VALENTIA OBSERVATORY	5156N	01015W	14	30	1010.7	1012.4	13.0	-0.4	12.4	-0.3	16	129	53	5				
03955 CORK AIRPORT	5151N	00829W	162	30	992.9	1012.3	12.7	-0.4	12.0	-0.1	11	125	64	5				
03962 SHANNON AIRPORT	5242N	00855W	20	30	1009.7	1012.1	13.8	-0.3	11.5	-0.8	15	73	14	4				
03969 DUBLIN AIRPORT	5326N	00615W	85	30	1000.8	1011.0	13.3	-0.2	11.5	-0.4	16	63	10	4				
03976 BELMULLET	5414N	01000W	10	30	1009.8	1011.0	12.4	-0.3	11.7	-0.5	15	114	48	6				
03980 MALIN HEAD	5522N	00720W	25	30	1006.8	1009.8	12.6	0.0	11.6	-0.1	18	116	46	5				

EUROPE-ICELAND

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
EUROPE	0°	0°	0'	8										
ICELAND														
04018 KEFLAVIK	6358N	02236W	54	1002.9	1009.4	9.4	0.6	9.5	0.2	10	43	-20	2	
04030 REYKJAVIK	6408N	02154W	61	1002.2	1009.6	9.8	0.6	9.1	-0.1	10	44	-4	3	186
04082 HJARDARNES	6415N	01511W	12	1009.4	1010.6	9.2	0.6	9.3	0.2	9	50	-35	2	98
DENMARK (GREENLAND)														
04209 UPERNAVIK AWS	7247N	05610W	61	1002.5	1010.2	5.0		6.4						
04220 EGEDESMINDE	6842N	05245W	47	1003.5	1009.4	4.7	1.8	5.4	-0.5	1	1	-22	0	
04250 GODTHAB	6410N	05145W	48	1005.2	1008.6	3.8	-0.6	6.8	0.0	3	10	-50	1	
04312 NORD ADS	8136N	01640W	34	1008.8	1013.3	1.2		5.0						
04320 DANMARKSHAVN	7646N	01840W	12	1013.1	1014.6	2.2	1.4	5.6	0.5	1	1	-5	2	
04340 KAP TOBIN	7025N	02158W	42	1010.8	1016.0					6	43	20	5	
04360 ANGMAGSSALIK	6536N	03738W	52	1008.3	1012.8	4.8	0.3	7.2	0.5	10	30	-19	2	
DENMARK & FAROE IS.														
06011 THORSHAVN	6201N	00646W	39	1006.5	1009.4	9.6	0.6			11	53	-17	2	
06030 ALBORG	5706N	00952E	3	1010.4	1010.8	14.8	0.2	11.8	-1.0	6	33	-17	3	
06186 KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	1011.0	1011.6	16.5	0.5	12.9	-0.2	10	86	38	5	
06190 RONNE	5504N	01445E	16	1010.5	1012.4	15.5		12.5		5	19		1	
NETHERLANDS														
06260 DE BILT	5206N	00511E	4	30	1012.9	1013.4	15.0	-0.2	13.3	0.5	13	56	-12	2
BELGIUM														
06447 UCCLE	5048N	00421E	104	1001.7	1013.7	15.4	-0.4	13.7	0.2	12	96	28	4	
LUXEMBOURG														
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379	30	970.6	1014.8	14.5	-1.2	12.0	-0.8	17	131	69	6
SWITZERLAND LIECHTENSTEIN														
06660 ZURICH (TOWN/VILLE)	4723N	00834E	569	950.5	1016.1	15.2	-0.3	13.0	0.6	20	206	72	5	160
06680 SAENTIS	4715N	00921E	2500	752.1	3079	2.8	-0.2	6.8	0.2	20	313	66	4	118
06700 GENEVE-COINTRIN	4615N	00608E	416	967.7	1015.9	16.6	-0.2	13.3	0.8	16	129	38	4	198
06770 LUGANO	4600N	00858E	276	982.1	1014.2	18.4	-0.5	15.7	0.5	20	289	87	5	194
FRANCE														
07024 CHERBOURG	4939N	00128W	138	997.5	1013.9	13.1	-0.2	12.8	0.2	11	67	18	4	168
07110 BREST/GUIPAVAS	4827N	00425W	103	1003.1	1015.4	13.9	-0.1	13.1	0.1	14	90	33	5	184
07150 PARIS/LE BOURET	4858N	00227E	65	1006.9	1014.6	15.6	-0.8	13.2	-0.5	16	62	6	3	163
07180 NANCY/ESSEY	4841N	00613E	217	989.8	1015.3	15.8	-0.3	13.3	-0.1	15	137	67	5	151
07190 STRASBOURG	4833N	00738E	154	997.1	1015.2	16.5	-0.4	14.4	0.3	18	92	17	4	169
07222 NANTES	4710N	00136W	27	1012.7	1016.0	16.4	-0.2	14.9	0.7	12	56	9	4	186
07255 BOURGES	4704N	00222E	166	995.6	1015.2	16.5	-0.4	13.4	-0.2	11	55	-6	2	156
07280 DIJON	4716N	00505E	227	989.1	1015.8	16.5	-0.9	13.5	-0.1	14	90	18	4	187
07434 LIMOGES	4552N	00111E	402	969.6	1016.5	15.4	-0.6	14.0	1.4	10	62	0	3	178
07480 LYON/BRON	4543N	00457E	201	992.1	1015.6	17.9	0.0	14.3	0.3	14	108	27	4	219
07510 BORDEAUX/MERIGNAC	4450N	00042W	61	1009.6	1016.8	18.2	0.8	14.3	-0.7	13	73	8	4	213
07630 TOULOUSE/BLAGNAC	4338N	00122E	153	998.7	1016.7	18.9	0.8	15.6	1.0	10	40	-24	2	180
07645 NIMES/COURBESSAC	4352N	00424E	62	1007.8	1015.1	20.9	0.6	15.5	1.3	3	25	-20	3	284
07650 MARSEILLE/MARIGNANE	4327N	00513E	36	1010.7	1015.0	20.9	0.2	16.6	1.2	4	13	-19	1	332
07690 NICE	4339N	00712E	10	1012.9	1014.1	21.0	1.2	19.8	2.7	2	11	-26	2	315
07747 PERPIGNAN	4244N	00252E	48	1010.8	1016.5	20.7	0.0	18.0	3.3	7	33	-2	4	205
07761 AJACCIO	4155N	00848E	9	1014.9	1015.5	20.5	1.0	20.1	2.6	1	16	-7	3	339
SPAIN														
08001 LA CORUNA	4322N	00825W	67	1010.1	1018.1	17.2	0.9	14.9	0.1	6	25	-26	2	201
08141 VALLADOLID	4139N	00446W	735	931.0	1014.0	19.7	2.1	11.7	0.7	4	38	-1	3	336
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258	985.3	1014.3	22.4	1.5	16.1	5	27	-12	3	299	100
08181 BARCELONA/AEROPUERTO	4117N	00204E	6	1013.1	1013.9	20.0		18.3		10	513	4		
08222 MADRID	4025N	00341W	667	940.0	1013.8	23.4	3.2	11.1	-0.9	1	3	-27	1	350
08306 PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8	1014.9	1015.7	21.9	3.0	21.5	3	37	-32	1	336	105
08314 MENORCA/MAHON	3952N	00414E	82	1006.0	1015.6	22.5	1.4	21.0	4.6	1	8	-12	2	343
08359 ALICANTE	3822N	00030W	82	1006.2	1015.7	23.2	0.8	19.3	2.6	1	2	-24	1	305
08390 SEVILLA/TABLADA	3722N	00600W	14	1013.1	1014.8	24.0	0.8	17.3	1.8	0	0	-15	0	329
08487 ALMERIA/AEROPUERTO	3651N	00223W	21	1011.6	1014.1	23.1		20.5	1	1	2	321	95	

EUROPE-GIBRALTAR

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION.	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	
EUROPE	0°	0°	a												
GIBRALTAR	3609N	00521W	5		1016.7	1017.1	22.3	1.3	17.1	0.2	1	2	-9	2331 102	
PORTUGAL															
08506 HORTA (ACORES)	3831N	02838W	62		1018.3	1025.7	19.5		18.0		2	11	1	227 130	
08513 PONTA DELGADA (ACORES)	3745N	02540W	36		1021.0	1025.3	20.0		18.0		7	18	1	193 120	
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1013.0	1025.0	19.1	0.5	16.6	0.7	5	17	-6	3 288 85	
08535 LISBOA	3843N	00909W	95		1007.5	1018.7	20.4		16.1		1	4	2	256 85	
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1005.6	1017.4	18.2		15.6		4	11	2	256 85	
GERMAN DEMOCRATIC REPUBLIC															
09170 WARNEMUENDE	5411N	01205E	10		1011.3	1012.5	15.8	0.8	14.3	0.8	9	81	25	4 150 55	
09184 GREIFSWALD	5406N	01324E	6		1011.6	1012.3	15.8	0.5	14.2	0.7	9	75	20	4 153 55	
09379 POTSDAM	5223N	01304E	100		1001.3	1013.2	16.2	-0.6	13.6	0.5	12	167	97	6 156 65	
09393 LINDBERG	5213N	01407E	112		999.7	1012.9	16.4	-0.4	14.4	1.7	11	154	96	6 172 70	
09469 LEIPZIG-SCHKEUDITZ	5125N	01214E	133		996.9	1013.6	16.4	-0.2	14.0	0.4	10	89	22	4 125 55	
09488 DRESDEN-KLOTZSCHE	5108N	01347E	226		987.2	1013.9	16.7	-0.1	13.2	-0.2	10	100	30	6 169 75	
09499 GOERLITZ	5110N	01457E	238		985.5	1013.6	15.9	-0.2	13.3	0.1	11	106	33	5 155 65	
09548 MEININGEN	5034N	01023E	453		961.3	1014.4	13.7		11.9		15	113		147	
09554 ERFURT-BINDERSLEBEN	5059N	01058E	323		976.0	1014.1	15.1	-0.3	13.0	0.8	12	107	34	5 158 75	
09578 FICHTELBERG	5026N	01257E	1215		877.6	1479	Y	9.7	-0.2	10.1	0.3	13	119	-1	3 147 75
GERMANY, FEDERAL REPUBLIC OF															
10035 SCHLESWIG	5432N	00933E	48		1006.5	1012.2	14.5	0.0	13.6	1.0	10	104	41	5 114 46	
10147 HAMBURG-FUHLSBUETTEL	5338N	01000E	16		1010.6	1012.6	15.4	-0.1	13.6	0.8	15	112	42	5 125 56	
10203 EMDEN-HAFEN	5321N	00712E	12		1011.2	1012.7	15.5	0.6	13.8	0.7	15	72	7	4 120 55	
10338 HANNOVER	5228N	00942E	54		1006.9	1013.2	15.9	0.1	13.4	0.1	11	65	-5	3 149 70	
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1007.1	1012.9	17.0	-0.6	13.9	1.4	13	164	88	5 166 66	
10410 ESSEN	5124N	00658E	161		994.7	1013.8	15.2	-0.6	12.9	0.1	15	131	45	5 139 68	
10438 KASSEL	5118N	00927E	233		986.2	1013.6	15.3	-1.0	12.7	-0.1	11	66	-11	3 132 62	
10628 GEISENHEIM	4959N	00757E	120		999.7	1013.9	16.4	-0.7	13.2	0.4	13	93	34	5 161 75	
10739 STUTTGART/SCHNARRENBERG	4850N	00912E	311		978.4	1014.7	16.0	-0.4	13.1	0.2	18	149	51	6 154	
10763 NUERNBERG	4930N	01105E	312		978.1	1014.4	16.6	0.0	13.4	0.9	15	86	12	4 172 78	
10866 MUENCHEN-RIEM	4808N	01142E	529		953.7	1014.7	15.1	-0.4	13.2	0.7	19	180	45	5 172 80	
10929 KONSTANZ	4741N	00911E	447		963.1	1014.9	15.9		13.5		14	145	5	185 85	
10961 ZUGSPITZE	4725N	01059E	2962		710.0	3075	Z	0.1	-0.1	5.8	0.3	21	206	18	4 144 106
AUSTRIA															
11028 ST. POELTEN	4812N	01537E	282		979.8	1014.3	17.0	0.1	13.7	0.1	15	69	-34	2 220 100	
11035 WIEN/HOHE WARTE	4815N	01622E	209		988.5	1013.9	18.3	0.5	15.0	1.5	12	69	-10	3 197 79	
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	598		942.9	1013.9	16.0	-0.3	11.4	-0.4	21	125	13	4 174 90	
11146 SONNBLICK	4703N	01257E	3107		697.0	3071	Z	-0.2	0.4	5.9	0.3	24	166	10	4 131 87
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		961.0	1014.1	16.2	0.1	13.0	0.1	24	162	-9	3 179 86	
11155 FEUERKOGEL	4749N	01344E	1621		840.1	1499	Y	8.7		9.9	22	290	4	170 95	
11212 VILLACHERALPE	4636N	01340E	2160		785.8	1512	Y	6.1		8.7	18	164	3	162 85	
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	452		958.7	1014.0	16.3	-0.6	14.1	1.0	18	134	17	4 201 87	
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		972.0	1014.2	16.8	-0.4	15.0	1.1	16	149	17	3 188 80	
CZECHOSLOVAKIA															
11406 CHEB	5005N	01224E	471	30	959.6	1014.2	15.1	0.0	12.4	0.5	10	79	10	4	
11518 PRAHA/RUZYNE	5006N	01417E	369	30	970.7	1013.6	16.2	0.0	12.4	0.0	11	55	-23	2	
11520 PRAHA-LIBUS	5000N	01427E	304	30	978.3	1013.9	17.4	1.1	13.3	0.8	12	53	-35	2	
11723 BRNO/TURANY	4909N	01642E	246	30	985.2	1013.9	17.2	0.0	13.7	0.4	10	55	-24	2	
11782 OSTRAVA/MOSNOV	4941N	01807E	256	30	984.3	1014.3	16.3	-0.2	14.0	0.7	12	137	30	4	
11903 SLIAC	4838N	01909E	318	30	976.8	1014.3	16.0	-0.8	13.0	-0.5	11	51	-40	1	
11934 POPRAD/TATRY	4904N	02015E	707	30	932.4			13.9	-0.3	11.3	-0.5	9	80	-14	2
POLAND															
12120 LEBA	5445N	01732E	2		1011.6	1012.1	15.6		14.0		4		17		
12160 ELBLAG	5410N	01926E	43		1007.3	1012.4	16.3		13.9		11		66		
12205 SZCZECIN	5324N	01437E	3		1011.7	1012.5	16.5	0.1	14.7	1.0	12	99	43	5	
12295 BIALYSTOK	5306N	02310E	151		994.2	1012.1	15.8	-0.7	13.4	0.0	10	75	4	4	
12330 POZNAN	5225N	01650E	92		1002.7	1012.7	16.2	-0.8	13.8	1.0	9	99	39	5	
12375 WARSZAWA-OKECIE	5210N	02058E	107		1000.1	1012.8	17.1	0.1	13.5	0.1	8	39	-25	2	
12424 WROCŁAW II	5106N	01653E	121		999.3	1013.6	16.6	-0.1	13.9	0.2	12	88	17	4	
12497 WLADAWA	5133N	02332E	179		991.8	1012.8	16.6		13.1		7	43			

EUROPE-POLAND

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
EUROPE	0°	0°												
POLAND														
12695 PRZEMYSŁ	4948N	02246E	280		980.8	1013.7	16.8	0.1	13.5	-0.3	10	46	-53	1
HUNGARY														
12772 MISKOLC	4805N	02046E	2327		986.8	1013.5	17.8	-0.9	12.9	-1.9	11	53	-38	2
12840 BUDAPEST/METEOROLOGIA	4731N	01902E	129		998.6	1013.8	19.3	-0.8	14.1	0.4	8	52	-25	2
12843 BUDAPEST/LORINC	4726N	01911E	139		997.2	1013.7	19.1	-0.3	14.0	-0.1	7	54	-14	3
12882 DEBRECEN	4729N	02138E	112		999.9	1013.6	18.4	-0.8	13.3	-1.8	7	50	-37	2
12942 PECS	4600N	01814E	203		990.6	1014.3	18.6	-0.7	14.4	-0.1	12	75	-8	3
12982 SZEGED	4615N	02006E	83		1004.0	1013.7	19.1	-0.3	10.1	-5.1	13	72	-2	3
YUGOSLAVIA														
13129 ZAGREB/GRIC	4549N	01559E	162	30	995.0	1013.9	19.0	-0.5	14.9	0.1	15	87	-13	3
13274 BEograd	4448N	02028E	132	30	998.6	1014.0	20.6	0.3	14.6	-0.8	10	89	-7	3
13334 SPLIT/MARJAN	4331N	01626E	128	30	999.3	1014.1	22.4	-0.3	16.0	0.6	6	40	-16	2
13354 SARAJEVO	4352N	01826E	637	30	942.3	1014.4	17.9	0.7	12.6	-0.5	12	72	-10	3
13462 TITOGRAD/GOLUBOVCI	4222N	01915E	33	30	1009.8	1015.7	22.2	-0.9	14.9	0.3	3	21	-41	1
13586 SKOPJE-Petrovac	4158N	02139E	239	30	984.2	1011.9	22.3	1.4	13.8	-0.9	4	19	-25	1
ROMANIA														
15085 BISTRITA	4709N	02431E	367	30	971.3	1013.7	16.4	-1.1	14.0	-0.3	9	62	-33	1
15090 IASI	4710N	02738E	104	30	1000.4	1012.5	19.1	-0.2	15.8	0.8	9	56	-26	2
15120 CLUJ-NAPOCĂ	4647N	02334E	413	30	965.9	1013.6	16.4	-1.1	13.0	-0.9	9	90	10	4
15247 TIMISOARA	4546N	02115E	88	30	1004.3	1014.5	19.4	0.0	14.3	-1.0	11	52	-32	2
15260 SIBIU	4548N	02409E	444	30	962.8	1014.2	16.9	-0.6	15.4	0.3	9	107	7	4
15360 SULINA	4509N	02940E	9	30	1010.8	1011.9	19.7	-0.5	18.7	0.0	3	22	-9	3
BULGARIA														
15511 LOM	4349N	02315E	33		1009.9	1013.8	21.1	0.4	16.4		3	130	56	6
15552 VARNA	4312N	02755E	43		1008.3	1013.1	20.0	-0.3	17.2		5	22	-24	1
15614 SOFIA (OBSERV.)	4239N	02323E	595		946.3	1013.9	18.4	0.5	13.1		8	67	-18	3
15655 BURGAS	4229N	02729E	28		1010.1	1013.3	20.6	0.7	17.6		7	26	-31	2
ITALY														
16045 UDINE/RIVOLTÀ	4559N	01302E	53		1008.0	1014.3	19.9	0.1	17.2	0.5	13	184	10	3
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1006.2	1014.2	21.6	0.9	19.5	2.0	10	98	19	5
16110 TRIESTE	4539N	01345E	20		1011.5	1013.9	21.2	-0.2	17.3	1.3	11	82	-14	3
16158 PISA/S. GIUSTO	4341N	01023E	1		1014.0	1014.8	20.8	1.0	17.1	0.5	4	46	5	4
16191 FALCONARA	4337N	01322E	10		1012.1	1013.9	21.1		17.0		6	31		100
16230 PESCARA	4226N	01412E	11		1012.0	1013.2	21.0	0.4	15.8	-1.0	2	80	43	5
16320 BRINDISI	4039N	01757E	10		1013.0	1014.2	22.7	1.0	20.3	1.0	1	6	-16	2
16325 MARINA DI GINOSA	4026N	01653E	12		1011.7	1013.1	22.2	0.6	19.9	0.9	0	0	-20	1
16420 MESSINA	3812N	01533E	51		1008.9	1015.2	23.5	1.2	18.0	0.0	0	T	-18	1
16429 TRAPANI/BIRGI	3755N	01230E	14		1014.4	1015.4	23.3	1.7	20.4	1.5	0	T	-18	1
16560 CAGLIARI/ELMAS	3915N	00903E	18		1014.3	1015.0	22.4	1.2	20.0	2.9	4	7	-4	3
MALTA														
16597 LUQA	3551N	01429E	91	30	1007.1	1015.5	23.9	0.9	19.7	1.1	1	1	-3	4
GREECE														
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1013.4	1014.0	24.6	0.2	15.3	-1.1	3	9	-21	1
16641 KERKYRA	3937N	01955E	4		1013.8	1014.4	23.7	-0.3	17.7	-0.2	1	6	-4	3
16714 ATHINAI/OBSERVATORY	3758N	02343E	107		1001.3	1014.6	24.7	-0.1	15.0	-0.2	0	0	-9	1
16716 ATHENS/HELLINIKON	3754N	02344E	15		1011.4	1013.4	25.0	-0.4	15.3		2	6	-2	3
16726 KALAMATA	3704N	02201E	8		1012.4	1013.4	24.0	-0.3	11.0	-5.9	0	0	-9	2
16746 SOUDA	3529N	02407E	151		995.9	1013.4	23.8	-0.6	14.4	-0.6	0	0	-4	3
16754 HERAKLION	3520N	02511E	39		1008.5	1013.0	23.4	-1.0	15.2	-2.0	0	T	-3	3
TURKEY														
17030 SAMSON	4117N	03620E	4		1012.7	1013.1	20.0	-0.1	18.3	0.7	7	60	19	4
17050 EDİRNE	4140N	02634E	48		1007.2	1013.3	21.9	0.0	15.3	0.0	6	30	-19	2
17062 İSTANBUL/GOZTEPE	4058N	02905E	40		1009.4	1013.2	20.9	0.0	16.2	-0.8	5	35	14	5
17074 KASTAMONU	4122N	03346E	799		922.4	1012.0	17.0	-0.4	12.0	-0.3	5	17	-53	1
17090 SİVAS	3945N	03701E	1285		870.3	1010.3	16.8	-0.1	11.0	1.0	5	54	18	4
17092 ERZİNÇAN	3944N	03930E	1215		876.3	1007.7	19.7	0.0	11.2	0.5	5	42	10	5
17112 CANAKKALE	4008N	02624E	3		1013.1	1013.7	21.6	-0.3	18.9	0.4	4	45	22	5

EUROPE-TURKEY

EUROPE-TURKEY

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	MEAN DEPARTURE	QUINTILE				
<b>EUROPE</b>																		
<b>TURKEY</b>																		
17116 BURSA	4011N	02904E	100	1001.8	1013.4	21.6	0.3	12.4	-3.4	6	23	-5	3					
17130 ANKARA/CENTRAL	3957N	03253E	894	912.0	1011.9	19.2	-0.5	11.4	0.4	5	15	-22	2					
17190 AFYON	3845N	03032E	1034	896.8	1011.0	18.4	-0.2	11.2	-0.1	4	44	5	3					
17220 IZMIR	3826N	02710E	25	1008.6	1011.5	25.3	0.3	16.6	0.2	1	3	-6	2					
17240 ISPARTA	3745N	03033E	997	900.9	1010.4	19.6	-0.1	11.6	0.3	6	23	-12	3					
17270 URFA	3708N	03846E	547	943.2	1003.0	27.9	0.3	12.2	1.2	1	2	-2	4					
17280 DIYARBAKIR	3753N	04011E	677	930.6	1005.8	25.7	-0.3	12.3	-0.8	2	25	17	5					
17292 MUGLA	3712N	02821E	646	937.8	1009.9	22.6	0.0	13.3	1.2	1	11	-10	3					
17300 ANTALYA	3642N	03044E	57	1002.6	1007.4	24.5	-0.7	16.5	-2.7	1	5	-2	4					
17352 ADANA	3659N	03518E	20	1005.1	1008.4	25.4		18.0		3	64	5						
<b>USSR</b>																		
22113 MURMANSK	6858N	03303E	46	1009.0	1015.2	8.9	-0.5	7.1	-1.0	5	33	-13	2	261				
22165 KANIN NOS	6839N	04318E	49	1007.6	1013.6	5.2	0.4	7.6	0.4	8	31	2	3	238				
22550 ARHANGEL'SK	6435N	04030E	13	1010.4	1011.4	11.9	-0.7	9.6	0.4	10	60	3	4	245				
22602 REBOLY	6349N	03049E	181	990.0	1011.7	11.5	-1.7	1.9	-7.2	9	50	-8	3	258				
22837 VYTEGRA	6101N	03627E	59	1004.4	1011.2	12.3	-1.9	10.3	-0.8	6	63	4	3	215				
26038 TALLIN	5925N	02448E	44	1007.1	1011.2	14.1	-0.3	11.0	-0.7	4	13	-33	1	317				
26477 VELIKIE LUKI	5623N	03036E	98	998.7	1011.0	14.1	-1.6	11.6	-1.3	10	69	7	4	285				
26629 KAUNAS	5453N	02353E	75	1002.2	1011.3	15.4	-0.8	12.5	-0.9	10	59	-29	3	268				
26850 MINSK	5352N	02732E	234	984.0	1011.2	15.6	-0.9	11.9	-0.5	10	40	-27	1	298				
27037 VOLOGDA	5917N	03952E	118	993.6	1009.0	13.4	-1.6	11.2	-0.6	11	84	17	4	242				
27196 KIROV	5839N	04937E	164	987.5	1007.1	15.5	-0.2	12.5	1.5	13	62	9	4	224				
27595 KAZAN'	5547N	04911E	64	992.4	1006.3	15.8	-1.5	12.9	0.6	15	128	67	5	215				
27612 MOSKVA	5545N	03734E	156	991.1	1009.5	14.5	-2.3	11.4	-1.0	8	60	-8	3					
33345 KIEV	5024N	03027E	179	991.1	1010.7	16.9	-1.5	13.3	-0.5	14	77	14	4					
33393 L'VOV	4949N	02357E	325	975.6	1013.3	15.7	-0.7	13.4	0.0	7	44	-45	1	269				
33837 ODESSA	4629N	03038E	64	1006.8	1011.7	19.0	-0.5	15.0	-0.3	7	53	12	4	256				
33946 SIMFEROPOL'	4501N	03359E	205	990.8	1011.8	18.6	-0.6	13.5	-0.4	4	60	7	4	312				
34122 VORONEZ	5142N	03910E	164	991.3	1008.8	15.4	-3.1	13.0	-0.1	15	64	15	5	239				
34172 SARATOV	5134N	04602E	156	984.1	1007.5	15.4	-3.7	12.9	1.0	13	63	27	5	167				
34300 HAR'KOV	4956N	03617E	152	991.6	1009.9	16.3	-2.9	13.6	0.3	12	80	30	5	212				
34731 ROSTOV-NA-DONU	4715N	03949E	77	1001.6	1010.3	18.8	-2.3	15.8	1.2	12	87	27	5	242				
34880 ASTRAHAN'	4616N	04802E	18	1009.1	1011.5	21.6	-1.5	15.3	0.6	5	55	35	5	281				
37050 PJATIGORSK	4403N	04302E		950.1	1011.2	18.2	-0.4	14.9	0.8	12	157	84	5	209				
37549 TBILISI	4141N	04457E	490	962.1	1010.5	23.6	2.3	14.1	-0.6	7	43	-24	3					
<b>SYRIAN ARAB REPUBLIC</b>																		
40001 KAMISHLI	3703N	04113E	455	951.7	1001.4	29.4	1.0	9.5	-0.2	0	0	-1	0	351				
40007 ALEPPO	3611N	03713E	393	964.0	1007.7	26.2	0.3	12.4	-0.7	0	0	-2	0					
40022 LATTAKIA	3532N	03546E	7	1009.5	1010.2	23.5	-0.4	21.1	-1.2	1	19	15	5					
40030 HAMA	3508N	03643E	309	974.1	1008.9	25.8		11.1		0	0	-2	3					
40045 DEIR EZZOR	3519N	04009E	212	980.2	1004.3	29.0	-0.6	7.8	-1.6	0	0	-1	0					
40061 PALMYRA	3433N	03818E	404	961.2	1006.0	27.6	0.0	10.6	-0.2	0	0	0	0					
40080 DAMASCUS NEW INTL AIRPORT	3325N	03631E	611	939.2	1006.3	24.6	-0.3	10.4	-0.7	0	0	0	0					
<b>ISRAEL</b>																		
40180 BEN-GURION INTL AIRPORT	3200N	03454E	49	1005.7	1010.4	23.3	-0.6	19.2	0.5	0	0	0	0	355				
40184 JERUSALEM	3147N	03513E	809	926.4	1491 Y	21.3	-1.0	13.6	1.6	0	0	0	0	377				
40199 EILAT	2933N	03457E	13	1006.2	1007.3	31.5	-0.1	10.5	-0.7	0	0	0	5	371				
40199 EILAT	2933N	03457E	13	1006.2	1007.3	31.5	-0.1	10.5	-0.7	0	0	0	5	371				
<b>JORDAN</b>																		
40250 H-4 'IRWAISHED'	3230N	03812E	688	931.4	1005.6	27.0	0.5	10.8	1.3	0	0	0	0					
40270 AMMAN AIRPORT	3159N	03559E	768	922.0	1007.2	23.7	0.0	11.0	-0.9	0	0	0	0					
40310 MA'TAN	3010N	03547E	1070	885.2	1471 Y	24.1	-0.1	9.4	0.0	0	0	-T	0	105				
<b>ASIA</b>																		
<b>USSR</b>																		
20046 POLAR GMD IM.E.T. KRENKELJA	8037N	05803E	20	1012.3	1015.0	-0.6	1.0	5.0	0.1	1	3	-11	0	96				
20069 OSTROV VIZE	7930N	07659E	18	1012.7	1014.0	-1.0	0.5	5.4	0.4	3	23	2	5	82				
20292 GMD IM.E.K. FEDOROVA	7743N	10417E	13	1009.8	1011.7	-0.8	0.7	5.5	0.5	4	23	1	4	144				
20674 OSTROV DIKSON	7330N	08014E	20	1006.3	1012.1	1.2	1.1	5.9	0.2	3	16	-14	2	198				
20891 HATANGA	7159N	10228E	24	1006.4	1010.4	10.2	5.0	8.5	2.0	7	33	3	4	358				
21432 OSTROV KOTEL' NYU	7600N	13754E	10	1009.1	1010.1	0.8	1.1	6.1	0.6	4	24	6	4					

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DEPARTURE	TOTAL	% OF AV.			
<b>ASIA</b>															
<b>USSR</b>															
21965 OSTROV CETYREH-STOLBOVOJ	7038N	16224E	6	1004.8	1009.9	1.2	0.5	5.7	0.2	4	19	9 5 180			
23146 MYS KAMENNYJ	6828N	07336E		1010.5	1011.5	3.2	1.4	6.5	0.3	4	11	-25 1			
23205 NAR' JAN-MAR	6739N	05301E	7	1010.0	1011.2	9.4	2.8	8.4	1.2	7	78	42 5 246 105			
23219 HOSEDA-HARD	6705N	05923E	84	1000.2	1010.3	10.8	4.0	8.7	1.7	6	27	-11 2 343 135			
23330 SALEHARD	6632N	06632E	35	1003.0	1008.4	10.8	3.0	9.4	2.1	7	71	21 5			
23472 TURUHANSK	6547N	08757E	32	1004.6	1009.2	11.9	1.8	8.4	0.3	6	15	-38 0 343 250			
23552 TARKO-SALE	6455N	07749E	27	1005.9	1009.5	12.3	3.3	8.7	0.4	7	49	-2 3 252 115			
23804 SYKTYVKAR	6140N	05051E	96	993.9	1008.0	13.9	0.6	11.3	1.5	13	82	34 5 205 75			
23884 BOR	6136N	09000E	63	1000.8	1007.7	13.5	-0.1	9.9	0.2	10	66	9 4 246 90			
23933 HANTY-MANSIJSK	6058N	06904E	40	1002.5	1008.1	16.8	3.0	12.9	2.7	11	68	2 3 324			
24105 ESSEJ	6828N	10222E	271	977.4	1009.5	10.9	4.4	9.0	3.3	9	42	2 3 303 40			
24125 OLENEK	6830N	11226E	127	983.8	1009.8	14.0	4.1	8.5	0.6	5	8	-31 1			
24143 DZARDZAN	6844N	12400E	45	1005.2	1009.9	13.6	3.0	8.4	0.4	4	12	-24 0			
24266 VERHOJANSK	6733N	13323E	137	994.4	1010.3	14.1	1.1	8.5	0.5	3	12	-12 2 402 130			
24507 TURA	6410N	10004E	186	986.5	1008.5	14.2	1.9	8.4	0.2	4	21	-29 1 403 160			
24641 VIL'JUJSK	6346N	12137E	107	995.7	1008.8	17.1	2.4	7.9	-1.1	2	16	-10 2 348 110			
24688 OJMJKON	6316N	14309E	726	923.1	1008.2	12.3	1.0	8.0	0.3	5	40	6 3 338 120			
24738 SUNTAR	6209N	11739E	124	1008.0	1008.9	16.3	1.8	9.3	1.0	5	18	-17 2 312 105			
24817 ERBOGACEN	6116N	10801E	291	974.0	1008.3	13.6	-0.3	8.8	-0.6	8	53	10 4 281			
24959 JAKUTSK	6205N	12945E	103	996.3	1008.1	17.4	2.0	9.1	-0.3	2	10	-20 1 418 120			
25173 MYS SMIDTA	6855N	17929W	7	1008.4	1008.8	2.2	0.6	6.1	0.3	6	24	7 5 242			
25248 1LIRNEJ	6720N	16814E	426	965.2	1006.9	10.0	1.0	7.8	0.2	7	52	27 5 263 85			
25325 UST'-OLOJ	6633N	15925E	125	993.9	1008.7			8.1	0.4	7	43	17 5			
25399 MYS UELEN	6610N	16950W	7	1009.9	1010.2	3.2	1.0	6.8	0.5	6	29	7 4 223			
25400 ZYRJANKA	6544N	15054E	43	1004.8	1009.9	12.9	-0.3	9.0	0.1	8	48	18 5 321 95			
25563 ANADYR'	6447N	17734E	62	999.8	1007.2	7.9	2.5	8.3	0.3	8	36	18 5 314 50			
25703 SEJMCAN	6255N	15225E	207	984.0	1008.9	14.5	0.8	9.3	0.6	3	6	-25 1 337 55			
25744 KAMENSKOE	6229N	16613E	8	1006.7	1007.9	11.8	2.3	10.0	1.4	8	28	-11 3 247 110			
25954 KORF	6021N	16600E	3	1009.9	1010.3	10.7	3.1	9.1	0.9	6	17	-13 2 273 135			
28275 TOBOL'SK	5809N	06811E	44	1001.8	1007.5	18.7	3.1	14.1	2.1	3	16	-41 1 326 110			
28698 OMSK	5456N	07324E	94	994.2	1008.4	19.4	1.9	12.5	1.3	8	62	6 3 355 110			
28952 KUSTANAJ	5313N	06337E	171	989.2	1007.1	21.1	2.3	12.0	1.0	6	93	56 5 298 95			
29231 KOLPASEV	5818N	08254E	76	999.6	1008.6	16.0	0.8	12.0	0.7	9	52	-2 3 365 20			
29263 ENISEJSK	5827N	09209E	78	998.1	1007.5	14.8	-0.6	11.8	1.0	13	102	49 5 277 105			
29282 BOGUCANY	5825N	09724E	134	991.8	1007.4	14.8	0.6	10.2	-0.3	11	66	32 5 297 55			
29574 KRASNOJARSK	5600N	09253E	194	975.8	1007.9	15.9	-0.2	11.2	0.5	9	77	20 5			
29838 BARNAUL	5320N	08342E	196	987.5	1008.9	18.7	0.7	13.0	1.0	8	50	3 3 344 120			
29866 MINUSINSK	5342N	09142E	251	979.7	1008.9	17.5	-0.3	12.6	1.1	11	64	14 4			
30230 KIRENSK	5746N	10807E	258	976.8	1008.2	14.8	-0.2	10.1	-0.1	9	59	10 4 303			
30309 BRATSK	5604N	10150E	326	959.8	1008.1	14.2	-0.5	10.5	0.7	5	41	-3 3 333			
30469 KALAKAN	5507N	11645E	613	930.0	1003.1	12.9	-0.4	11.0	1.9	13	121	58 6 150			
30554 BOGDARIN	5428N	11335E	995	892.2	1003.8	11.7	0.8	9.3	1.4	15	147	90 6 243			
30635 UST'-BARGUZIN	5326N	10859E	457	953.1	1007.0	10.9	-0.7	9.2	0.4	6	56	27 5			
30673 MOGUCHA	5344N	11947E	619	931.4	1002.6	13.5	-0.4	11.4	1.6	12	127	62 5 203 80			
30710 IRKUTSK	5216N	10421E	485	952.8	1007.4	15.3	-0.2	9.7	-1.3	6	27	-40 1 270 110			
30758 CITA	5201N	11320E	685	927.2	1003.3	14.2	-1.6	10.1	1.0	11	90	42 5 234 90			
31004 ALOAN	5837N	12522E	682	928.7	1005.7	14.8	2.0	9.7	0.6	8	48	-26 2 356 125			
31088 OHOTSK	5922N	14312E	6	1010.3	1011.0	10.0	3.1	10.4	1.8	8	16	-41 1 219 195			
31168 AJAN	5627N	13809E	9	1010.6	1011.7	8.2	1.4	9.7	1.4	9	200	106 5 122 85			
31253 BOMNAK	5443N	12856E	357	964.2	1005.3	16.2	0.9	13.7	2.9	9	103	23 4 265 120			
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1001.2	1009.4	12.6	0.3	11.9	0.7	6	44	0 3			
31416 IM POLINY OSIPENKO	5225N	13630E	73	998.9	1007.5	14.4	-0.2	13.6	1.9	12	127	65 5 195 85			
31510 BLAGOVESCHENSK	5016N	12730E	137	987.1	1002.3	18.4	0.0	17.1	4.3	12	133	45 5			
31735 HABAROVSK'	4831N	13510E	72	995.2	1005.8	17.2	-0.3	15.7	1.3	15	125	47 5			
31960 VLADIVOSTOK	4307N	13154E	138	985.3	1006.9	13.9	1.0	14.2	0.9	13	130	28 4 146 105			
32150 JUZNO-SAHALINSK	4655N	14244E	31	1006.6	1009.5	11.9	0.8	11.8	0.6	11	85	30 4 149			
32195 SIMUSIR	4651N	15152E	26	1007.3	1010.4	6.5	1.3	9.4	1.0	12	136	41 5 80			
32411 ICA	5542N	15538E	4	1009.6	1010.3	9.0	2.4	10.7	2.0	10	32	-30 2 177 120			
32540 PETROPAVLOVSK-KAMCatskij	5258N	15845E	7	1007.1	1010.0	10.9	2.4	10.5	2.0	9	101	47 5 221 115			
32618 NIKOL'SKOE (OSTROY BERINGA)	5512N	16559E	6	1009.3	1011.1	6.1	0.7	8.7	0.7	4	28	-8 3 96 120			
35121 ORENBURG	5145N	05506E	109	993.1	1006.7	20.1	0.8	13.0	0.7	6	40	-2 3 266 85			
35358 TURGAJ	4938N	06330E	123	992.9	1006.6	24.0	2.0	1.8	-7.6	13	13	-8 3 353			
35394 KARAGANDA	4948N	07308E	555	946.7	1008.8	21.6	3.2	10.0	0.8	3	14	-26 1 370			
35700 GUR'EV	4701N	05151E	-20	1009.7	1007.1	22.2	-1.4	13.0	1.3	3	13	-2 3 296			
35796 BALHAS	4654N	07500E	423	968.2	1007.6	24.7	2.9	13.0	0.5	11	0 3 418				

ASIA-USSR

ASIA-USSR

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	mm	DEPARTURE	
ASIA	0°	0°	0		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
USSR															
36177 SEMIPALATINSK	5021N	08015E	206	985.6	1008.1	21.8	2.1	12.1	0.0	4	37	6	4	373	120
36870 ALMA-ATA	4314N	07656E	847	914.0	1006.7	23.5	2.6	12.3	0.1	4	38	-26	2	348	125
38001 FORT SEVCENKO	4433N	05015E	-20	1012.0	1009.2	24.0	1.1	18.4	0.6	5	13	0	3	342	150
38262 CIMBAJ	4257N	05949E	66	1000.9	1008.1	27.7	3.0	15.9	2.1	1	7	-1	4	366	
38413 TAMDY	4144N	06437E	220	982.2	1006.0	31.0	2.8	9.1	-2.0	0	0	-2	0	376	
38457 TASKENT	4116N	06916E	428	950.1	1003.6	28.1	3.0	14.2	1.5	1	1	-9	2	386	110
38507 KRASNODVODSK	4002N	05259E	89	982.7	1004.3	29.2	4.6	13.5	-0.6	0	0	-3	0	401	90
38687 CARDZOU	3905N	06336E	193	998.8	1008.1	24.8	-3.3	14.4	2.7	0	T	T	4	133	80
38880 ASHABAD	3758N	05820E	228	981.2	1006.6	30.7	2.5	15.0	1.1	0	T	-5	2	353	80
SAUDI ARABIA															
40356 TURAIF	3141N	03840E	818	917.4	1436	Y	29.5		8.6	0	0				
40357 ARAR	3054N	04108E	552	944.6	1004.4		32.5		11.6	0	0				
40362 RAFHA	2938N	04329E	447	955.0	1003.4		32.7		6.7	0	0				
40373 HAFR AL-BATIN	2820N	04607E	360	963.5	1002.5		36.0		5.4	0	0				
40375 TABUK	2822N	03638E	776	923.5	1006.8		29.8	-0.1	8.8	-0.6	0	0	0	5	361
40394 HAIL	2726N	04141E	1013	897.7	1498	Y	31.5	1.1	6.3	-1.3	0	0	0	5	
40400 WEJH	2612N	03628E	21	1003.1	1005.5		27.9	0.2	24.9	-3.4	0	0	0	5	350
40405 GASSIM	2618N	04346E	650	932.5	1001.6		33.6	0.8	4.1	-4.4	0	0	0	5	
40416 DHAHAN	2616N	05009E	17	998.0	999.9		34.4	-0.1	15.5	-1.5	0	0	0	5	
40420 AL AHSA	2517N	04929E	177	981.7	1001.0		36.7		11.9						
40437 KING KHALED INTL AIRPORT	2456N	04643E	612	937.3	1002.5		34.4		4.3						
40438 RIYADH	2443N	04643E	612	936.0	1002.8		34.6	1.2	4.2	-2.3	0	0	0	5	
40439 YENBO	2409N	03804E	6	1002.8	1003.5		31.6		21.7						
41024 JEDDAH/KING ABDUL AZIZ IAPI	2140N	03909E	18	1002.3	1003.0		30.5		23.6						
41030 MAKKAH	2129N	03950E	310	935.1	1002.3		36.2		5.2						
41036 TAIF	2129N	04033E	1454	854.8	1490	Y	29.0		11.1	0	0				330
41055 AL BABA	2018N	04138E	1662	835.2	1503	Y	28.2		9.1	0	0				313
41112 ABHA	1814N	04239E	2093	792.2	1470	Y	23.1		9.0	2	5				
41114 KHAMIS MUSHAIT	1818N	04248E	2054	796.7	1483	Y	24.1		7.3	1	1				279
41128 NAJRAN	1737N	04426E	1210	876.0	1477	Y	33.3		3.8	0	0				311
41136 SHARURAH	1728N	04707E	722	924.3	1000.6		34.9		6.6	0	0				301
41140 GIZAN	1654N	04235E	3	1003.1	1003.5		33.0		31.6	0	0				
KUWAIT															
40582 KUWAIT INTL AIRPORT	2913N	04759E	55	30	996.2	1002.4		36.9	1.0	7.9	-2.0	0	0	0	0
AFGHANISTAN															
40911 MAZAR-I-SHARIF	3642N	06712E	378	30	960.7	1002.4		33.0	2.0	15.6	5.2	0	0	0	5
40938 HERAT	3413N	06213E	964	30	897.6	1001.2		28.3	0.6	13.3	2.0	1	4	4	6
40942 CHAKHCHARAN	3432N	06516E	2230	30	774.9	1435	Y	17.6	0.4	6.1	-0.9	2	9	9	6
40948 KABUL AIRPORT	3433N	06913E	1791	30	816.0	1434	Y	24.5	1.6	13.4	4.2	1	1	0	4
40986 ZARANJ	3100N	06151E	478	30	946.9	997.9		36.8	3.4	14.8	0	0	0	5	
BAHRAIN															
41150 BAHRAIN MUHARRAQ	2616N	05037E	2		1001.3	1001.5		32.5		25.1		0	0	5	
UNITED ARAB EMIRATES															
41216 ABU DHABI BATEEN AIRPORT	2426N	05428E	3		998.9	999.4		33.0		27.3		0	0	5	346
41217 ABU DHABI INTL AIRPORT	2426N	05439E	27	30	996.6	999.4		33.0		24.9		0	0	0	105
OMAN															
41256 SEEIB, INTERNATIONAL AIRPORT	2335N	05817E	15		997.8	999.4		36.4		24.9		0	0		
41268 SUR	2235N	05931E	5		998.2	999.7		35.5		25.8		0	0		
41288 MASIRAH	2040N	05854E	19		999.0	1001.2		29.4		31.2		0	0	3	
41314 THUMRAIT	1740N	05402E	467		952.4			31.8		19.3		0	0		
41316 SALALAH	1702N	05405E	22		1001.6	1004.3		29.3		32.6	1	3	3		
PAKISTAN															
41530 PESHAWAR	3401N	07135E	360		956.5	994.7		33.8	0.7	19.5	1.2	1	2	-6	2
41560 PARACHINAR	3352N	07005E	1726	30	822.7	1438	Y	24.4	-0.3	11.5	0.2	9	42	0	3
41598 JHELUM	3256N	07343E	234	30	970.2	995.4		34.2	1.2	22.1	1.3	5	21	-53	2
41624 DERA ISMAIL KHAN	3149N	07055E	173		977.2	995.4		34.4	-0.1	22.5	-1.7	1	13	0	4
41640 LAHORE CITY	3133N	07420E	215		972.6	995.9		33.8	-0.1	21.7	-0.4	4	12	-23	2
41660 QUETTA AIRPORT	3015N	06653E	1589		834.2	1424	Y	27.0	2.1	8.9	-2.5	0	0	-2	4

ASIA-PAKISTAN

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE				
<b>ASIA</b>																		
<b>PAKISTAN</b>																		
41675 MULTAN	3012N	07126E	123	982.0	995.2	35.6	-0.1	23.2	0.6	1	10	1	4	.				
41712 DAL BANDIN	2853N	06424E	850	906.6	1431 Y	33.8	1.3	8.0	0.2	0	0	-1	5	.				
41715 JACOBABAD	2818N	06828E	56	989.7	995.3	35.9	-1.1	28.4	5.8	0	0	-5	4	.				
41739 PANJGUR	2658N	06406E	981	895.5	1446 Y	32.2	1.1	13.4	-3.7	0	0	-4	0	.				
41756 JIWANI	2504N	06148E	57	992.8	999.1	31.2	0.4	31.0	-1.7	0	0	-2	4	.				
41765 HYDERABAD	2523N	06825E	30	993.0	997.4	33.2	-0.9	30.3	1.2	0	0	-16	3	.				
41768 CHHOR	2531N	06947E	6	998.1	998.6	33.5	-0.1	27.7	-0.3	0	0	-23	2	.				
41780 KARACHI AIRPORT	2454N	06708E	22	997.4	999.2	30.9	-0.4	32.0	0.0	0	0	-8	3	.				
<b>BANGLADESH</b>																		
41883 BOGRA	2451N	08922E	20	997.3	999.4	29.2		34.0		17	380		138					
41891 SYLHET	2454N	09153E	35	997.2	1001.3	28.2		32.2		26	475		90					
41923 DHAKA	2346N	09023E	9	999.0	1000.1	29.4		34.0		18	229							
41936 JESSORE	2311N	08910E	7	998.0	998.7	29.9		34.8		18	343		101					
41978 CHITTAGONG (PATENGA)	2216N	09149E	6	1000.6	1001.1	28.6		31.7		22	819		101					
41992 COX'S BAZAR	2126N	09158E	4	1001.3	1001.7	28.2		32.5		24	1322		101					
<b>INDIA</b>																		
42027 SRINAGAR	3405N	07450E	1587	834.8	1427 Y	23.3	1.3	17.5	1.3	4	26	-10	3	258				
42071 AMRITSAR	3138N	07452E	234	970.7	996.1			24.7	0.8	3	39	-18	3	264				
42147 MUKTESWAR KUMAON	2928N	07939E	2311			18.6	-0.2	14.0	-1.6					95				
42165 BIKANER	2800N	07318E	224		997.1	35.3	-0.2	21.0	0.3									
42182 NEW DELHI / SAFDARJUNG	2835N	07712E	216	972.8	996.2	34.3	0.5	23.9	0.6	3	71	14	4	178				
42261 AGRA	2710N	07802E	169		996.5			25.0	-0.5					93				
42314 DIBRUGARH / MOHANBARI	2729N	09501E	111	988.5	1000.9	27.5	0.2	30.4	0.1	19	703	270	5	.				
42339 JODHPUR	2618N	07301E	224		997.5	34.1	,0.1	25.5	1.8	1	4	-38	1	.				
42391 DARBHANGA	2610N	08554E	49	993.0	1000.8	29.1	-0.8	30.7	-1.2	7	47	-121	1	.				
42410 GAUHATI	2606N	09135E	54	993.7	999.7	28.6	0.4	32.5	0.9	18	192	-139	1	.				
42452 KOTA AERODROME	2509N	07551E	274		999.5	34.7		21.9										
42475 ALLAHABAD / BAMHRAULI	2527N	08144E	98		996.5	34.7	0.4	22.9	-2.6									
42515 CHERRAPUNJI	2515N	09144E	1313	863.3	1446 Y	19.9	-0.2	22.8	0.5									
42587 DALTONGANJ	2403N	08404E	221	974.0	996.5	32.2	-0.8	29.1	2.8	12	357	219	5	.				
42599 DUMKA	2416N	08715E	149	984.6	999.2	30.5	0.2	32.8	1.4	18	295	87	4	.				
42647 AHMADABAD	2304N	07238E	55	30	994.7	1000.9	33.3	0.5	26.5	-2.6	2	18	-87	1				
42671 SAGAR	2351N	07845E	551	938.6	998.1	29.1	-1.9	24.9	3.3	14	484	371	6	.				
42731 DWARKA	2222N	06905E	11	30	1000.4	1001.7	30.7	0.6	38.1	0.7	2	3	-56	1				
42754 INDORE	2243N	07548E	567		938.7	1000.1	28.8	-1.2	26.2	2.4	11	106	-28	3				
42807 CALCUTTA / ALIPORE	2232N	08820E	6	997.9	998.6	30.3	0.0	34.7	1.5	14	282	22	4	129				
42867 NAGPUR SONEGAON	2106N	07903E	310	965.7	999.8			27.7	4.1	21	294	122	5	126				
42909 VERAVAL	2054N	07022E	8	30	1001.8	1002.7	29.3	-0.1	34.2	-0.9	4	128	-32	3				
42933 AKOLA	2042N	07702E	282		969.5	1000.4	29.3	-2.4	28.0	3.7								
42971 BHUBANESWAR	2015N	08550E	46		994.1	999.2	29.9		32.9		14	205		127				
43041 JAGDALPUR	1905N	08202E	553		940.6	1000.7	26.7	-2.0	27.9	3.0	21	308	57	4				
43057 BOMBAY / COLABA	1854N	07249E	11	1002.7	1003.9	28.6	-0.4	33.2	1.2	19	1185	601	6	95				
43063 POONA	1832N	07351E	559		942.6	1003.9	26.7	-0.8	25.2	1.2	10	174	56	5				
43128 HYDERABAD AIRPORT	1727N	07828E	545		943.1	1002.3	27.1	-2.0	25.5	2.6	12	133	33	5				
43149 VISHAKHAPATNAM	1743N	08314E	3		999.8	1000.2	30.7	-0.7	31.9	-0.3	9	57	-48	2				
43185 MACHILIPATNAM (FRANCHPET)	1612N	08109E	3		1001.4	1001.7	30.9	-0.5	28.5	-0.2	9	110	-13	3				
43192 GOA / PANJIM	1529N	07349E	60		999.5	1006.1	27.7	0.2	31.9	1.3	27	760	-86	2				
43198 BELGAUM / SAMBRA	1551N	07437E	747		923.9	1005.5	24.4		23.5		13	99						
43279 MADRAS / MINAMBAKKAM	1300N	08011E	16		1001.9	1003.7	32.1	0.0	29.3	3.3	3	14	-48	1				
43295 BANGALORE	1258N	07735E	921		906.3	1478 Y	24.5	-0.1	21.7	0.3	8	56	-25	2				
43314 KOZHIKODE	1115N	07547E	5		1008.1	1008.7	26.8		31.3		28	620	1	70				
43333 PORT BLAIR	1140N	09243E	79		998.0	1006.6	27.5	0.9	31.0	0.3	22	325	-174	1				
43363 PAMBAN	0916N	07918E	11		1004.7	1005.9	30.6	1.0	30.9	-1.5	1	10	6	5				
43369 MINICOY	0818N	07309E	2		1008.7	1008.9	28.7	1.0	31.5	1.3	20	221	-49	2				
43371 TRIVANDRUM	0829N	07657E	64		1001.6	1008.9	27.1	0.5	31.3	1.9	16	165	-154	2				
<b>SRI LANKA</b>																		
43466 COLOMBO	0654N	07952E	7	1008.3	1009.0	28.5	0.8	31.5	0.6	13	184	5	3	.				
43497 HAMBANTOTA	0607N	08108E	20	1006.7	1008.0	27.5	-0.2	31.2	2.0	6	105	50	5	.				
<b>NEPAL</b>																		
44454 KATHMANDU AIRPORT	2742N	08522E	1337	858.1	1406 Y	24.8	0.8	25.1		22	285	87	5	194				

ASIA-HONG KONG

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	QUINTILE	TOTAL	% OF AV.	
<b>ASIA</b>																
HONG KONG																
45005 ROYAL OBSERVATORY	2218N	11410E	62	997.7	1004.8	27.9	0.2	31.7	0.7	17	448	16	4	150	96	
MACAU																
45011 MACAO	2212N	11332E	59	998.2	1004.9	28.3	0.6	31.7	0.6	11	222	-163	1			
DPR KOREA																
47014 CHUNGGANG	4147N	12653E	332	968.5	1006.1	19.2		17.2		13	140		4			
47016 HYESAN	4124N	12810E	714	928.4	1006.1	9.6		9.6		10	52					
47025 KIMCHAEK	4040N	12912E	23	1004.1	1007.8	16.5		17.8		15	155					
47035 SINUIJU	4006N	12423E	7	1006.5	1007.3	19.5		18.9		13	153		5			
47055 WONSAN	3911N	12726E	36	1003.2	1007.5	16.4		17.6		14	367		6			
47058 PYONGYANG	3902N	12547E	38	1003.0	1007.4	20.3		19.0		16	264		6			
47069 HAEJU	3802N	12542E	81	997.8	1009.2	19.0		19.0		15	571		6			
REPUBLIC OF KOREA																
47105 KANGNUNG	3745N	12854E	27	999.0	1007.7	20.4	0.3	19.2	1.7	12	358	242	6	113	59	
47159 PUSAN	3506N	12902E	71	1000.5	1008.4	21.2	0.9	21.0	2.1	9	220	12	4	168	86	
47165 MOKPO	3447N	12623E	56	1001.9	1008.4	21.4	0.8	20.0	0.0	13	178	27	4	142	71	
JAPAN																
47401 WAKKANAI	4525N	14141E	11	1007.8	1009.1	13.4	1.0	13.6	1.4	8	73	-3	3			
47407 ASAHIKAWA	4346N	14222E	116	995.2	1008.7	17.7	1.5	13.7	0.1	20	78	0	3			
47409 ABASHIRI	4401N	14417E	43	30	1004.5	1009.6	13.6	0.9	13.0	0.8	10	49	-32	2		
47412 SAPPORO	4303N	14120E	19	1006.6	1008.8	17.7	1.8	15.1	1.3	8	38	-39	1			
47420 NEMURO	4320N	14535E	26	1006.5	1009.7	12.1	1.8	12.6	0.7	9	166	61	5			
47426 URAKAWA	4210N	14247E	33	30	1005.8	1009.7	12.1	-1.0	12.6	-0.9	9	166	37	4		
47582 AKITA	3943N	14006E	10	1007.1	1009.6	19.9	1.5	17.8	1.0	16	284	156	5			
47585 MIYAKO	3939N	14158E	47	1004.3	1009.8	18.1	1.8	16.5	0.8	10	103	-21	3			
47590 SENDAI	3816N	14054E	43	1004.9	1010.0	20.1	1.7	18.1	0.7	10	132	-8	3			
47600 WAJIMA	3723N	13654E	6	1007.6	1009.2	21.0	1.8	19.1	0.9	11	239	78	5			
47604 NIIGATA	3755N	13903E	6	30	1008.8	1009.5	21.9	1.9	19.0	0.6	21	158	40	4		
47605 KANAZAWA	3633N	13639E	28	30	1006.3	1009.5	22.7	2.0	19.5	0.3	15	222	19	4	219	118
47618 MATSUMOTO	3615N	13758E	611	940.5	1008.6	21.4	2.3	16.3	0.5	8	36	-125	0			
47624 MAEBASHI	3624N	13904E	113	30	996.7	1009.7	22.8	2.0	19.3	0.8	9	45	-127	0		
47636 NAGOYA	3510N	13658E	56	30	1003.7	1010.1	23.7	2.0	20.6	1.0	13	144	-66	2		
47648 CHOSH	3543N	14051E	28	30	1007.2	1010.5	20.4	0.7	20.8	0.8	7	84	-89	1		
47655 OMAEZAKI	3436N	13813E	47	30	1004.9	1010.2	22.0	0.9	22.0	0.3	8	208	-73	2		
47662 TOKYO	3541N	13946E	36	1005.8	1009.9	23.5	2.0	19.6	0.4	9	68	-113	1			
47678 HACHIJOGIMA	3306N	13947E	80	1001.9	1011.1	22.8	0.8	24.0	0.8	14	351	15	4			
47744 YONAGO	3526N	13321E	8	1008.1	1009.0	22.9	2.2	20.4	1.2	12	107	-72	2			
47765 HIROSHIMA	3422N	13226E	30	30	1003.4	1009.5	24.0	2.8	21.6	1.9	12	312	58	4		
47772 OSAKA	3441N	13531E	50	30	1004.0	1009.7	24.5	1.8	20.9	1.5	11	159	-54	1	122	
47778 SHIONOMISAKI	3327N	13546E	75	1001.9	1010.5	22.5	0.8	23.8	2.1	9	268	-122	2			
47800 IZUHARA	3412N	12918E	22	30	1006.2	1008.8	21.8	1.4	22.9	3.4	12	434	149	5		
47807 FUKUOKA	3335N	13023E	14	1007.4	1009.1	24.2	2.2	22.3	2.2	10	246	-27	3			
47815 OITA	3314N	13137E	13	30	1008.0	1009.4	23.6	2.1	21.5	0.8	9	201	-88	2		
47817 NAGASAKI	3244N	12952E	35	30	1005.5	1009.5	23.5	1.4	23.1	1.8	11	389	55	4		
47827 KAGOSHIMA	3134N	13033E	5	1009.0	1009.6	24.5	1.5	24.2	1.5	13	395	-77	3			
47830 MIYAZAKI	3155N	13125E	7	30	1009.0	1009.8	24.3	1.7	22.9	0.2	12	336	-88	2		
47893 KOCHI	3333N	13332E	18	30	1008.0	1010.0	23.7	1.4	22.9	1.4	9	379	-3	3		
47898 SHIMIZU/ASHIZURI	3243N	13301E	33	1006.3	1010.1	23.5	1.0	24.1	1.5	10	215	-150	1	134		
47909 NAZE	2823N	12930E	7	1008.9	1009.7	26.2	0.6	27.5	1.5	15	502	75	4			
47918 ISHIGAKIJIMA	2420N	12410E	7	1006.7	1007.5	28.0	0.3	32.7	1.7	13	367	143	5			
47927 MIYAKOJIMA	2447N	12517E	41	30	1003.4	1008.1	27.3	0.4	31.8	2.0	11	250	-10	3		
47936 NAHA	2612N	12741E	53	1003.3	1009.3	27.2	1.0	30.3	1.5	12	310	16	4			
47945 MINAMIDAITOJIMA	2550N	13114E	15	1009.3	1011.0	26.5	0.2	30.9	1.4	6	120	-96	2			
47971 CHICHIJIMA	2705N	14211E	8	1013.4	1014.3	25.3	-0.6	26.7	2	4	-75	0				
47991 MINAMITORISHIMA	2418N	15358E	9	1013.9	1014.9	26.6		25.3	4	10						
BURMA																
48008 MYITKYINA	2522N	09724E	147	998.3	1005.0	26.6	-1.0	30.0	-0.5	18	587	133	5			
48062 AKYAB	2008N	09253E	5	1001.4	1002.0	29.5	2.1	31.7	-0.7	27	1827	786	6			
48097 RANGOON	1646N	09610E	15	1005.2	1007.4	26.8	-0.7	32.6	1.5	28	687	164	5	390		
48112 VICTORIA POINT	0958N	09835E	47	1006.7	1009.6	25.2	-1.6	30.7	1.3	14	475	-196	1			

ASIA-THAILAND

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE				
<b>ASIA</b>																		
<b>THAILAND</b>																		
48327 CHIANG MAI	1847N	09859E	314		969.7	1003.7	28.2	0.2	28.4	-1.8	7	48	-99	1 138 81				
48354 UDON THANI	1723N	10248E	182		984.5	1004.8	28.3	-0.5	29.9	-0.8	20	368	129	5 145				
48378 PHITSANULOK	1647N	10016E	45		999.9	1005.1	29.5	0.3	31.3	0.0	10	118	-60	2 162				
48400 NAKHON SAWAN	1548N	10010E	35		1001.0	1005.1	30.2	0.6	30.0	-0.6	8	79	-38	2 162				
48431 NAKHON RATCHASIMA	1458N	10205E	188		984.3	1005.2	29.8	0.8	28.9	-1.6	6	115	-1	4 158				
48455 BANGKOK	1344N	10034E	20		1004.1	1006.4	29.9	0.8	24.7	-7.3	8	59	-99	1 158				
48462 ARANYAPRATHET	1342N	10235E	49		1000.9	1006.2	29.6	0.9	32.7	0.5	9	85	-100	1 121				
48480 CHANTHABURI	1236N	10207E	4		1006.7	1007.1	28.9	1.3	32.7	0.9	15	376	-126	2 165				
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1006.4	1007.0	29.2	0.7	29.4	-1.3	7	43	-50	1 165				
48517 CHUMPHON	1029N	09911E	5		1007.2	1007.8	28.6	0.9	31.3	0.6	17	138	-28	2 203				
48568 SONGKHLA	0712N	10036E	5		1007.3	1008.0	30.0	1.6	30.1	0.2	5	46	-55	1 235				
<b>CHINA</b>																		
50527 HAILAR	4913N	11945E	611		932.1	1001.7	16.2	-1.1	12.8		15	118	41	5 216 70				
50745 QIQIHAERH	4723N	12355E	148		984.4	1001.4	20.1	-0.2	15.5		11	85	21	4 244 85				
51076 ALTAY	4744N	08805E	737		923.9	1005.8	21.6	1.1	10.6		3	5	-12	1 380 115				
51431 YINING	4357N	08120E	663		933.4	1007.2	23.5	3.0	14.0		2	6	-21	1 363 120				
51463 URUMQI	4347N	08737E	919		906.4	1006.8	23.6	1.3	9.7		3	21	-13	3 331 115				
51709 KASHI	3928N	07559E	1291		865.6	1002.2	24.7	0.9	13.8		1	1	-5	2 283 90				
51777 RUOQIANG	3902N	08810E	889		904.8	1000.6	26.5	1.2	10.5		0	T	-4	2 339 115				
51828 HOTAN	3708N	07956E	1375		855.4	999.1	26.1	2.1	11.4		0	T	-7	1 292 115				
52203 HAMI	4249N	09331E	739		920.5	1001.2	25.4	0.2	11.2		2		-4	2 361 105				
52533 JIUQUAN	3946N	09829E	1478		846.9	1003.7	20.7	0.6	10.4		1	6	-5	2 322 110				
52836 DULAN	3618N	09806E	3192		691.3		13.2	1.0	5.1		2	37	-100	3 320 115				
52889 LANZHOU	3603N	10353E	1518		843.2		21.0	0.7	10.9		5	27	-6	2 253 95				
53068 ERENHOT	4339N	11200E	966		896.2	1002.5	19.3	-1.2	6.8		3	22	-6	4 315 100				
53614 YINCHUAN	3829N	10613E	1112		883.0	1003.4	21.7	0.3	12.8		3	8	-12	2 333 110				
54292 YANJI	4253N	12928E	178		985.8	1010.0	17.9	-0.3	15.2		11	85	16	4 182 90				
54342 SHENYANG	4146N	12326E	43		999.6	1004.8	21.5	-0.1	18.4		13	99	16	4 230 95				
54511 BEIJING	3956N	11617E	55		997.7	1004.0	24.8	0.6	17.0		1	4	-73	0 264 95				
54857 QINGDAO	3604N	12020E	77		997.3	1006.3	20.3	-0.3	20.8		10	164	68	5 148 65				
56137 QAMDO	3109N	09710E	3307		682.2		13.2	-1.2	9.6		21	144	42	5 194 100				
56294 CHENGDU	3040N	10401E	508		948.3	1005.1	24.0	0.4	23.0		10	258	144	5 176 135				
56739 TENGCHONG	2507N	09829E	1649		830.6		19.2	-0.2	19.8		23	294	32	4 24 25				
56778 KUNMING	2501N	10241E	1892		806.9		18.9	-0.6	18.2		17	220	36	4 55 35				
56985 MENGZI	2323N	10323E	1302		863.8	1003.0	22.3	-0.3	21.6		15	177	31	4 121 85				
57036 XI'AN	3418N	10856E	398		960.0	1004.8	24.3	-0.9	18.2		9	106	65	6 181 80				
57083 ZHENGZHOU	3443N	11339E	111		991.9	1004.6	25.0	-1.4	21.9		11	181	128	6 202 80				
57461 YICHANG	3042N	11118E	134		989.6	1004.9	25.6	0.1	25.2		7	166	14	3 149 85				
57745 ZHIJIANG	2727N	10941E	273		973.3	1004.2	24.7	0.3	26.9		18	311	99	5 156 100				
57993 GANZHOU	2551N	11457E	125		990.6	1004.7	27.7	1.3	28.3		11	184	-49	3 190 115				
58367 SHANGHAI	3110N	12126E	7		1005.4	1006.2	25.4	2.1	26.3		11	175	14	3 190 115				
58606 NANCHANG	2836N	11555E	50		999.1	1004.4	26.8	1.4	28.7		14	244	-47	2 203 130				
59287 GUANGZHOU	2308N	11319E	8		1003.3	1004.2	28.2	1.0	31.4		16	194	-69	2 136 85				
59316 SHANTOU	2324N	11641E	3		1004.3	1005.2	26.6	0.1	30.4		15	395	87	4 136 85				
59431 NANNING	2249N	10821E	73		995.4	1003.7	28.4	1.1	29.8		7	112	-141	1 182 105				
59758 HAIKOU	2002N	11021E	15		1001.7	1003.4	28.3	0.3	32.3		10	317	123	5 236 105				
<b>AFRICA</b>																		
<b>MADEIRA</b>																		
08522 FUNCHAL	3238N	01654W	56		1015.0	1021.6	21.0		17.3		2	67	3	109 55				
<b>SPAIN (CANARY ISLANDS)</b>																		
60020 SANTA CRUZ DE TENERIFE	2828N	01615W	46		1015.6	1019.8	22.4	0.3	15.7	0.6	0	T	-1	4 328 104				
<b>WESTERN SAHARA</b>																		
60096 VILLA CISNEROS	2342N	01552W	10		1014.6	1015.9	20.7	-0.2	19.7	0.8	0	0	0	0 292 70				
<b>MOROCCO</b>																		
60150 MEKNES	3353N	00532W	549		953.8	1016.0	20.5	0.2	16.4	1.5	0	0	-17	0 247 78				
60155 CASABLANCA	3334N	00740W	62		1010.5	1017.2	20.5	0.4	20.2	2.0	5	0	-6	0 290 98				
60230 MARRAKECH	3137N	00802W	466		962.2	1014.9	23.5	0.5	16.2	2.4	0	T	-6	3 329 103				
60250 AGADIR	3023N	00934W	23		1013.5	1016.3	20.6	0.9	18.7	0.9	0	0	-1	0 275 96				
60265 OUARZAZATE	3056N	00654W	1140		889.3	1534	Y	27.1	1.5	6.6	-1.6	1	-1	4 338 105				

AFRICA-MOROCCO

AFRICA-ALGERIA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.			
<b>AFRICA</b>																			
<b>ALGERIA</b>																			
60351 JIJEL	3650N	00547E	2	1014.0	1015.2	22.1	21.4	-0.7	4	9	231	55							
60355 SKIKDA	3656N	00657E	7	1015.5	1015.8	21.9	20.7	-2.6	4	31	196	279	88						
60360 ANNABA	3650N	00749E	4	1014.8	1015.3	22.4	20.2	-1.1	4	19	23	306	109						
60367 EL-KALA	3654N	00827E	10	1015.3	1016.5	22.9	24.2	-1.9	4	12									
60390 DAR-EL-BEIDA	3643N	00315E	25	1011.6	1014.5	23.4	20.9	-2.5	1	3	-191	1280	92						
60402 BEJAIA	3643N	00504E	2	1015.0	1015.3	22.1	21.6	-0.5	3	17	55	267	150						
60419 CONSTANTINE	3617N	00637E	694	937.3	1013.9	24.1	15.0	-0.2	4	12	-163	302	101						
60425 CHLEF	3613N	00120E	143	998.4	1015.0	20.9	13.2	-7.7	7	22		274							
60430 MILIANA	3618N	00214E	715	934.5	1013.9	24.9	2.6	13.4	2	10	-112								
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928	912.5		24.4	11.3	-13.1	2	31									
60445 SETIF	3611N	00525E	1081	901.7	1151Y	23.8	10.6	-13.2	7	30	55	303	70						
60457 MOSTAGANEM	3553N	00007E	137	997.8	1014.1		18.8	-12.3	0	0	297	70							
60467 M'SILA	3540N	00430E	441	962.3	1011.0	28.4	14.6	-13.8	0	0	300	70							
60490 ORAN/ES SENIA	3538N	00036W	90	1004.3	1014.8	22.6	0.8	17.6	0.8	1	-82	318	107						
60511 TIARET	3515N	00126E	1127	906.7	1013.4Y	23.3	11.3	-12.0	7	23	283	65							
60515 BOU-SAADA	3520N	00412E	461	961.7	1012.5	29.1	13.5	-14.4	1	19	294	70							
60518 BENI-SAF	3518N	00121W	68	1006.0	1014.0	22.7	20.0	-2.7	1	1	55	276	65						
60522 MAGHNIA	3449N	00147W	426	966.8	1015.1	23.2	16.0	-12.8	1	4	300	70							
60525 BISKRA	3448N	00544E	87	1003.0	1012.8	31.7	1.4	13.0	1	3	-34	310	91						
60531 TLEMCEN (ZENATA)	3501N	00128W	247	986.4	1015.0	22.9	15.7	-12.8	1	5	5291	65							
60535 DJELFA	3441N	00315E	1144	962.2	1500Y	16.9	11.4	-15.5	9	84	696	261	60						
60540 EL KHEITER	3409N	00004E	1000	903.0	1526Y	25.7	10.6	-15.1	2	6	270	60							
60549 MECHERIA	3456N	00026W	1149	996.8	1511Y	18.3	9.4	-11.5	3	70	250	60							
60550 ELBAYADH	3340N	00100E	1341	869.1	1541Y	24.9	9.7	-14.0	3	11	5291	70							
60555 TOUGGOURT	3307N	00608E	85	1002.4	1012.1	31.4	16.5	-12.1	0	0	328	75							
60559 EL OUED	3330N	00607E	63	1005.6	1012.8	31.5	16.4	-12.3	0	0	334	80							
60560 AIN SEFRA	3246N	00036W	1058	894.9	1499Y	20.3	10.2	-10.0	7	165	290	70							
60566 GHARDAIA	3223N	00349E	450	961.0	1012.2	32.2	13.7	-14.5	1	2	326	80							
60571 BECHAR	3137N	00214W	773	922.8	1535Y	31.5	2.1	7.8	-2.8	0	T	-23	292	84					
60581 HASSI-MESSAOUD	3140N	00609E	142	995.5	1011.6	33.8	13.5	-15.7	0	0	327	91							
60590 EL GOLEA	3034N	00252E	397	967.3	1011.6	31.8	0.7	11.7	0	0	-10	0	327	91					
60602 BENI ABBES	3008N	00210W	499	954.6	1002.2	27.3	3.9	-12.9	2	0	4299	70							
60607 TIMIMOUN	2915N	00017E	312	974.0		35.6	29.6	-6.0	0	0	0	305	75						
60611 IN AMENAS	2803N	00938E	562	948.9	1009.3	33.9	2.3	7.7	0.1	0	330	99							
60620 ADRAR	2753N	00017W	263	977.9		34.9	0.8	7.0	-1.1	0	0	5328	87						
60630 IN SALAH	2712N	00228E	293	977.9	1008.5	37.1	1.7	11.0	1.8	0	0	-T0	314	90					
60640 ILLIZI	2630N	00825E	558	950.9		35.5	7.4	-12.0	0	0									
60670 DJANET	2433N	00928E	1054	923.9	1509Y	25.5	6.9	-14.0	2	1	05	317	87						
60680 TAMANRASSET	2247N	00531E	1378	866.5	1533Y	30.2	1.7	6.4	-0.8	2	3	-53	291	105					
<b>NIGER</b>																			
61017 BILMA	1841N	01255E	357	968.7	1007.6	33.4	0.0	9.5	0.6	0	0	-10	0						
61024 AGADEZ	1658N	00759E	502	952.6	1006.5	34.9	1.5	1.3	-10.2	0									
61036 TILLABERY	1412N	00127E	210	985.9	1008.9	33.7	1.4	22.6	-1.0	5	34	-172							
61043 TAHOUA	1454N	00515E	391	965.4	1008.0	32.8	0.8	19.9	-1.0	5	59	03							
61049 N'GUIGMI	1415N	01307E	286	975.8	1007.1	33.5	1.6	15.4	-5.6	2	10	-14							
61052 NIAMEY-AERO	1329N	00210E	227	984.2	1008.9	32.5	1.5	24.1	1.2	7	92	174							
61075 BIRNI-N'KONNI	1348N	00515E	273	978.6	1008.5	32.4	1.2	24.6	1.3	5	55	-133							
61080 MARADI	1328N	00705E	373	966.3	1006.9	32.0	2.1	21.7	-1.8	4	57	-153							
61090 ZINDER	1347N	00859E	453	958.9	1008.0	32.5	1.3	1.8	-17.3	14	21	-252							
61096 MAINE-SOROA	1314N	01159E	337	970.9	1007.6	33.4	1.9	17.0	-2.9	1	5	-291							
61099 GAYA	1153N	00327E	203	986.9	1009.4	30.5	1.4	25.4	-1.2	7	70	-282							
<b>MAURITANIA</b>																			
61404 ZOUERATE	2245N	01229W	343	973.7	1011.8	30.3	18.0	0.0	0										
61415 NOUADHIBOU	2056N	01702W	3	1014.0	1014.5	21.6	-0.5	19.5	1.7	0	0	00							
61421 ATAR	2031N	01304W	224	986.4	1010.9	34.7	0.9	10.4	-0.1	0	0	-20							
61437 AKJOUJT	1945N	01422W	120	999.5	1013.0	33.2	-1.2	21.9	8.3	0	0	-10							
61442 NOUAKCHOTT	1806N	01557W	3	1011.4	1011.8	25.8	-1.7	20.2	0.7	0	0	-10							
61450 TIDJIKJA	1834N	01126W	402	966.1	1009.7	34.8	1.0	12.9	2.7	0	0	-60							
61461 BOUTILIMIT	1732N	01441W	75	1003.1	1011.5	32.8	0.4	15.3	1.2	0	0	-40							
61489 ROSSO	1630N	01549W	6	1012.3	1013.0	28.8	-1.1												
61497 NEMA	1636N	00716W	269			35.6	0.7	22.3	7.8	2	36	44							
61498 KIFFA	1638N	01124W	115	996.0	1008.6	36.4	1.5	13.7	-2.8	2	6	-192							
61499 AIOUN EL ATROUSS	1642N	00936W	223	983.8	1008.1	36.4	1.8	13.3	-0.2	2	8	-63							

AFRICA-MAURITANIA

AFRICA-SENEGAL

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
<b>AFRICA</b>	0°	0°	0											
<b>SENEGAL</b>														
61600 SAINT-LOUIS	1603N	01627W	4	1012.2	1012.7	24.5	-1.1	25.2	0.8	0	0	-7	0	
61612 PODOR	1639N	01458W	7	1010.8	1011.6	31.8	-0.6	19.5	1.7	0	0	-17	1	
61627 LINGUERE	1523N	01507W	21	1009.3	1011.6	31.1	-0.2	20.8	-0.3	1	59	30	5	
61630 MATAM	1539N	01315W	17	1008.6	1010.5	34.5	1.0	20.5	1.6	1	29	-3	3	
61641 DAKAR/YOFF	1444N	01730W	24	1010.2	1013.5	24.3	-1.4	25.3	0.4	1	34	24	5	
61666 DIOURBEL	1439N	01614W	9	1011.1	1012.1	28.8	-1.2	24.7	0.9	3	6	-32	2	
61679 KAOACK	1408N	01604W	7	1012.7	1013.5	29.0	-0.6	26.0	0.1					
61687 TAMBACOUNDA	1346N	01341W	50	1005.8	1011.5	32.1	1.9	22.1	-1.3					
61695 ZIGUINCHOR	1233N	01616W	23	1001.0	1001.3	27.6	-0.5	28.6	1.4	5	71	-46	2	
61698 KOLDA	1253N	01458W	10			30.8	1.3	23.4	-3.3	6	109	-26	3	
61699 KEDOUGOU	1234N	01213W	167	991.8	1010.4	30.3	1.3	24.2	-2.2	10	92	-92	0	
<b>SIERRA LEONE</b>														
61856 LUNGI	0837N	01312W	27	30	1010.3	1013.2	24.8	-1.3	28.7	-0.5	19	283	-98	1
61866 BONTHE	0732N	01230W	8	30	1012.2	1013.1	27.0	0.5	30.7	0.8	24	638	29	3
61878 NJALA	0806N	01206W	56	30	1003.4	1009.7	26.8	0.7	29.5	0.9	20	295	-72	
61886 KABALA	0935N	01133W	464	30	960.2	1012.6	25.8	0.9	26.7	0.9	16	184	-114	0
61891 DARU	0759N	01051W	186	30	990.7	1012.0	27.0	0.8	28.5	0.4	14	226	-54	2
<b>UNITED KINGDOM (OCEAN IS.)</b>														
61901 ST. HELENA IS.	1556S	00540W	436		969.3	1020.1	18.1	1.9	17.4		14	69	-25	2
<b>FRANCE (OCEAN ISLANDS)</b>														
61968 ILES GLORIEUSES	1135S	04717E	4		1017.2	1017.7	25.3	-0.2	23.8	0.4	11	153	92	6
61970 ILE JUAN DE NOVA	1703S	04242E	10		1016.6	1017.8	26.0	0.7	24.3	0.7	1	1	-7	3
61972 ILE EUROPA	2219S	04020E	13		1018.3	1019.8	23.3	1.4	21.3	2.0	1	17	0	3
61976 SERGE-FROLLOW (ILE TROMELIN)	1553S	05431E	13		1015.8	1017.2	24.8	0.2	23.6	0.9	9	34	-31	2
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25		1017.1	1020.0	22.3	0.6	19.7	1.3	6	68	-1	3
<b>MAURITIUS</b>														
61974 AGALEGA	1026S	05645E	3		1014.0	1014.3	25.4	-0.4	25.5	-1.4	8	37	-52	1
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1016.7	1017.0	24.3	-0.1	24.5	0.0	14	36	-19	2
61988 RODRIGUES	1941S	06325E	59		1013.2	1019.5	23.2	0.4	22.2	1.3	16	88	8	4
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1014.1	1020.0	22.1	0.5	21.3	0.5	11	63	-50	1
<b>LIBYAN ARAB JAMAHIRIYA</b>														
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81		1004.2	1013.8	28.6	2.8	19.0	2.7	0	T	-2	4
62053 BENINA	3205N	02016E	132		999.8	1015.1	26.3	0.5	14.9	-2.3	0	0	0	365
62124 SEBHA	2701N	01426E	432	30	963.7	1011.2	32.8	1.6	7.8	-3.8	0	0	-1	0
62271 KUFRA	2413N	02318E	435		996.4	1011.4	30.5	-0.3	7.4	-0.9	0	0	0	5
<b>EGYPT</b>														
62366 CAIRO	3008N	03124E	74		1002.5	1011.2	27.0	-0.2	23.0	6.8	0	0	0	5
62378 HELWAN	2952N	03120E	141		994.8	1011.1	26.7	-0.5	21.8	7.3	0	0	-T	0
62414 ASSWAN	2358N	03247E	194		984.8	1006.3	32.9	-0.1	11.4	4.4	0	0	0	368
62432 DAKHLA	2529N	02900E	111		998.5	1011.2	29.1	-1.4	12.7	3.5	0	0	-T	0
<b>SUDAN</b>														
62641 PORT SUDAN	1935N	03713E	2	30	1004.5	1004.8	32.3	0.4	20.0	-4.3	0	0	0	0
62650 DONGOLA	1910N	03029E	226	30	981.1	1006.3	34.0	0.1	8.0	-3.0	0	0	-T	0
62721 KHARTOUM	1536N	03233E	380	30	962.5	1004.6	35.4	1.7	12.4	-2.1	0	0	-5	0
62771 EL OBEID	1310N	03014E	574	30	944.5	1007.0	29.1	-0.7	14.8	-2.0	3	17	-6	3
62805 DAMAZINE	1147N	03423E	470	30	955.2	1006.6	30.7	2.7	21.4	-0.4	15	104	-21	3
<b>ETHIOPIA</b>														
63021 ASMARA	1517N	03855E	2325	30	772.6		17.8	-1.1	10.9	0.8	4	26	-19	2
63331 GONDAR	1232N	03726E	1966	30	804.7		20.2	0.5	12.8	-2.8	12	59	-120	0
63402 JIMMA	0740N	03650E	1577	30	834.2		19.6	0.4	16.9	0.3	24	319	111	5
63450 ADDIS ABABA	0859N	03848E	2324	30	765.9		16.9	-0.1	9.4		17	84	-34	1
63471 DIRE DAWA	0936N	04152E	1146	30	884.1		28.9	0.5	14.7	-1.0	2	7	-21	1
<b>KENYA</b>														
63619 MOYALE	0332N	03903E	1097				20.0		17.0		1	126	110	6
63686 ELDORET	0032N	03517E	2133		791.9	1509	Y	16.0		13.0	4	220	1	282
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		841.6	1534	Y	17.5	-0.2	14.2		168	168	95

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MM	TOTAL	DEPARTURE	% OF AV.	
AFRICA	0°	0°	0	0	m b	m b	°C	°C	m b	m b	mm	mm	mm	%	
KENYA															
63799 MALINDI	0314S	04006E	23	1	1001.3	1001.6	25.1		25.8		11	670	511	6	
UNITED REPUBLIC OF TANZANIA															
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55	1	1011.4	1017.6	24.2	0.1	25.6	4.4	4	29	-4	3	
63962 SONGEA	1041S	03535E	1067	1	901.1	1568	Y	18.8	1.4	14.8	1.2	0	-1	4	
63971 MTWARA	1016S	04011E	113	1	1004.4	1017.3	24.2		24.2		3	21		4	
RWANDA															
64387 KIGALI	0158S	03007E	1497	1	853.1	1526	Y	21.2		14.7	0	0			
BENIN															
65306 KANDI	1108N	00256E	292	1	978.2	1010.8	28.8	1.3	26.1	-0.9	10	144	-16	2	
65319 NATITINGOU	1019N	00123E	461	1	961.1	1012.2	26.5	0.6	26.6	0.7	10	89	-75	1	
65330 PARAKOU	0921N	00237E	393	1	968.4	1012.1	25.9	0.3	26.1	0.0	13	230	49	4	
65335 SAVE	0759N	00226E	200	1	990.0	1012.0	26.3	0.4	26.3	-0.8	9	73	-88	1	
65338 BOHICON	0710N	00204E	167	30	993.8	1012.7	26.5	0.5	28.5	0.9	11	86	-99	0	
65344 COTONOU	0621N	00223E	9	1	1011.9	1012.9	27.4	1.1	29.7	0.1	8	204	-159	2	
TOGO															
65351 DAPAON	1052N	00015E	330	1	975.0	1012.1	27.4		25.8		8	101			
65352 MANGO	1022N	00028E	146	1	992.4	1011.5	27.5	0.4	28.9	0.8	9	100	-39	1	
65361 SOKODE	0859N	00109E	387	1	968.9	1012.7	25.4	0.1	27.0	1.0	8	101	-109	1	
65376 ATAKPAME	0735N	00107E	402	1	967.3	1012.8	25.2	0.4	27.1	1.5	11	225	29	4	
65380 TABLIGBO	0635N	00130E	44	1	1007.3	1012.4	26.8	0.8	28.6	-0.1	10	125	-74	1	
65387 LOME	0610N	00115E	25	1	1010.4	1013.2	27.0	1.3	31.2	2.5	11	96	-183	0	
BURKINA FASO															
65501 DORI	1402N	00002W	277	1	978.4	1009.1	32.6	0.9	23.4	0.1	8	65	-15	3	
65502 OUAHIGOUYA	1334N	00225W	336	1	972.6	1009.4	31.6	0.9	21.3	-2.3	6	24	-62	0	
65503 OUAGADOUGOU	1221N	00131W	306	1	976.9	1010.7	29.7	0.8	25.5	0.2	8	82	-42	2	
65507 FADA N'GOURMA	1202N	00022E	309	1	976.4	1010.7	29.4	0.9	24.7	-0.7	8	72	-49	1	
65510 BOBO-DIOULASSO	1110N	00419W	460	1	960.8	1011.8	26.4	-0.3	25.4	0.5	7	118	-8	3	
65516 BOROMO	1145N	00256W	271	1	980.9	1011.1	28.8	0.6	26.7	1.1	9	129	15	4	
65522 GAOUA	1020N	00311W	335	1	974.3	1011.6	27.2	0.4	10.2	-16.0	0	54	-85	1	
COMOROS (FRANCE)															
67005 DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7	1	1016.0	1016.8	25.5	0.2	25.5	1.1	1	3	-13	2	285
ZAMBIA															
67475 KASAMA	1013S	03108E	1384	1	865.8	1538	Y	18.2	1.1	10.2	-1.5	0	0	0	5
67633 MONGU	1515S	02309E	1053	1	900.0	1542	Y	19.7	2.6	11.0	1.7	0	0	-1	5
67663 KABWE	1427S	02828E	1207	1	884.8	1548	Y	17.8	2.1	11.3	1.2	0	0	0	5
67743 LIVINGSTONE	1749S	02549E	986	1	908.0	1550	Y	18.6	2.8	10.0	1.4	0	0	-1	0
MALAWI															
67586 KAMUZU INTL.	1347S	03346E	1229	30	883.5	1534	Y	16.9		12.8					
ZIMBABWE															
67775 HARARE (KUTSAGA)	1755S	03108E	1480	1	858.5	1560	Y	14.8	1.4	10.0	1.2	0	0	-4	3
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344	1	872.0	1560	Y	15.9	2.4	8.8	0.9	0	0	-2	0
SOUTH AFRICA															
68174 PIETERSBURG	2352S	02927E	1200	1	887.8	1564	Y	13.0	1.4	7.3	-0.5	0	0	-7	0
68262 PRETORIA	2544S	02811E	1300	1	876.7	1558	Y	12.3	1.7	6.8	-0.1	0	0	-6	0
68368 JAN SMUTS	2608S	02814E	1700	1	836.5	1568	Y	9.1	-0.2	6.7	0.8	0	T	-6	2
68424 UPINGTON	2624S	02116E	800	1	929.9	1549	Y	11.7	-0.1	6.7	-0.2	4	28	24	6
68438 KIMBERLEY	2848S	02446E	1200	1	887.5	1556	Y	8.9	-1.2	5.7	-0.7	3	15	6	5
68442 BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400	1	866.3	1556	Y	7.0	-0.1	4.9	-1.1	4	20	10	5
68461 BETHLEHEM AIRPORT	2815S	02820E	1700	1	835.5	1559	Y	6.6	4.9	4.9	1	2		262	165
68476 LADYSMITH	2834S	02946E	1100	1	896.0	1539	Y	10.9		6.3	0	T		263	100
68588 DURBAN (LOUIS BOTHA)	2958S	03057E	8	1	1018.5	1020.1	17.1	0.8	12.6	-0.5	2	10	-16	2	242
68816 CAPE TOWN (D.F. MALAN)	3359S	01836E	42	1	1016.1	1021.9	11.6	-1.0	11.1	-0.6	11	110	19	4	175
68828 GEORGE AIRPORT	3400S	02223E	193	1	996.9	1020.6	11.6	-1.8	10.4	6	75	29	4	187	95
68842 PORT ELIZABETH	3359S	02536E	60	30	1011.4	1019.3	14.0	-0.1	1.1	-10.7	9	128	68	5	
68858 EAST LONDON	3302S	02750E	125	1	1004.3	1019.3	14.9	-0.4	9.5	-2.3	5	25	-12	3	226

AFRICA-SOUTH AFRICA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
<b>AFRICA</b>																
SOUTH AFRICA																
68906 GOUGH ISLAND	4021S	00953W	54		1014.4	1020.8	11.3	1.3	11.2	0.8	16	147	-185	0	47	80
68994 MARION ISLAND	4653S	03752E	22		995.4	998.1	3.7	-0.7	6.5	-1.0	27	206	-4	3	60	113
<b>N AMERICA</b>																
USA																
70026 BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4		1010.7	1011.1	3.2	2.5	6.6	0.8	4	10	1	4		
70086 BARTER ISLAND, AK.	7008N	14338W	15				2.8	1.6			0	0	-15	0		
70133 KOTZEBUE, RALPH WIEN, AK.	6632N	16238W	5		1008.4	1009.6	7.6	1.1	7.8	-0.1	4	22	8	5		
70200 NOME, AK.	6430N	16526W	7		1008.6	1009.4	8.4	1.0	8.4	0.8	8	30	0	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46		1006.2	1011.2	11.5	1.1	10.0	1.3	6	22	-12	3		
70231 MCGRATH, AK.	6258N	15537W	103		997.8	1010.4	14.7	2.8	10.6	1.8	7	15	-21	1		
70261 FAIRBANKS/INTL, AK.	6449N	14752W	138		992.3	1009.0	16.4	1.2	10.2	1.1	9	44	10	4		
70273 ANCHORAGE/INTL, AK.	6110N	15001W	40		1006.2	1011.0	13.9	1.4	11.1	1.9	7	39	11	4		
70308 ST. PAUL, AK.	5709N	17013W	9		1011.1	1012.2	6.3	1.3	8.1	0.3	3	13	-19	2		
70316 COLD BAY, AK.	5512N	16243W	31		1008.9	1012.7	8.3	0.8	9.8	1.3	7	35	-20	2		
70326 KING SALMON, AK.	5841N	15639W	15		1008.8	1010.6	10.9	0.8	9.3	1.0	4	30	-8	2		
70361 YAKUTAT, AK.	5931N	13940W	9		1012.7	1013.9	11.7	2.0	11.8	2.7	15	205	64	4		
70398 ANNENETTE ISLAND, AK.	5502N	13134W	34		1011.8	1015.8	13.4	1.2	11.4	1.1	11	158	32	4		
72201 KEY WEST/INTL, FL.	2433N	08145W	6		1016.2	1016.9	29.1	0.8	27.5		5	24	-104	1	350	110
72202 MIAMI, FL.	2549N	08017W	4		1017.3	1017.7	28.3	1.1	26.0	-1.0	10	174	-58	3	328	115
72203 WEST PALM BEACH/INTL, FL.	2641N	08007W	6		1016.5	1017.3	27.9		26.8		7	169		3		
72205 ORLANDO/JETPORT/ FL.	2826N	08119W	32		1013.8	1017.7	27.7		25.9		12	158				
72206 JACKSONVILLE/INTL, FL.	3030N	08142W	9		1016.2	1017.4	27.2	0.6	24.7	-0.1	7	40	-106	0	300	120
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15		1014.7	1016.5	27.5		23.6		5	25		1	329	120
72208 CHARLESTON/MUN., SC.	3254N	08002W	15		1015.5	1017.3	27.2	1.9	23.8	0.4	5	79	-87	1	186	65
72211 TAMPA/INTL, FL.	2758N	08232W	3		1017.2	1017.6	28.2		27.0		8	131		3	309	110
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21		1014.6	1017.0	27.4		26.0		7	101		1		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110		1003.9	1016.7	27.2	1.2	21.4		3	24	-73	0	351	120
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45		1010.8	1016.0	26.3		21.5		4	37		0		
72219 ATLANTA/MUN., GA.	3339N	08425W	315		980.8	1017.0	25.9	2.0	21.0	0.6	3	35	-60	1	305	106
72223 MOBILE/BATES FIELD, AL.	3041N	08615W	67		1009.0	1016.8	27.3	0.4	25.9		6	68	-77	2		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62		1010.0	1017.1	26.8		22.9		4	22		1	268	100
72231 NEW ORLEANS, LA	2959N	09015W	9		1015.7	1016.7	28.1	0.8	27.4	1.7	2	26	-111	1	229	80
72234 MERIDIAN/KEY, MS.	3220N	08845W	94		1006.4	1017.4	26.6		23.8		7	102		4		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101		1004.9	1016.6	27.3		26.0		4	19			360	120
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10		1014.8	1015.9	27.9		28.5		6	97			352	
72242 GALVESTON, TX.	2918N	09448W	16		1013.8	1015.7	29.0	1.7	29.2		3	30	-64	2		
72243 HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33		1010.8	1014.6	29.3		26.7		4	76			349	125
72248 SHREVEPORT/REG., LA.	3228N	09349W	79		1006.0	1015.1	28.2	1.9	26.5		3	65	-35	3	329	115
72250 BROWNSVILLE/INTL, TX.	2554N	09726W	6		1013.0	1013.7	29.7	1.6	28.9	1.7	3	27	-42	2	338	110
72251 CORPUS CHRISTI/INTL, TX.	2746N	09730W	13		1012.1	1013.8	29.1		28.5		2	23		2	325	110
72253 SAN ANTONIO/INTL, TX.	2932N	09828W	242		985.8	1013.2	30.8	3.3	24.5	-0.1	3	30	-50	1	280	100
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189		992.0	1013.5	29.9		25.4		1	39		2	345	120
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36		1010.6	1014.8	29.6		27.8		4	21				
72256 WACO/MADISON-COOPER, TX.	3137N	09713W	155		995.5	1013.2	30.2		23.7		4	25		2		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182		992.5	1013.3	28.9		24.5		3	48		3	353	120
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582		946.2	1011.0	29.6		18.7		1	1		0		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872		914.0	1009.3	30.3	3.6	16.4		0	0	-36	0	364	
72266 ABILENE, TX.	3225N	09941W	534		950.5	1011.5	29.4	2.5	18.8	0.6	1	9	-55	1	373	115
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988		902.0	1009.6	29.1		14.1		0	0		0	350	105
72270 EL PASO/INTL, TX.	3148N	10624W	1194		879.9	1007.3	30.6	3.2	10.3	1.3	0	0	-14	0	409	105
72274 TUCSON/INTL, AZ.	3207N	11056W	779		922.9	1007.8	31.5		8.3		2	16		5	389	95
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337		969.4	1007.1	34.3	4.0	9.7	1.6	1	1	-3	4	414	100
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9		1011.7	1012.7	20.6	1.6	16.5	0.5	2	22		20	6	
72295 LOS ANGELES/INTL, CA.	3356N	11824W	32		1008.9	1012.7	19.7		15.6		0	0		3		
72304 CAPE HATTERAS, NC.	3516N	07533W	3		1016.3	1016.7	23.6	0.1	23.1	-0.3	6	46	-63	2	290	110
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134		1001.1	1016.8	24.0		20.8		3	26		1	301	115
72308 NORFOLK/INTL, VA.	3654N	07612W	9		1014.7	1015.7	24.2		20.1		7	89		4	307	110
72310 COLUMBIA, SC.	3357N	08107W	69		1008.2	1016.1	26.6	0.9	20.5		5	32	-59	1	212	75
72312 GREENVILLE/G-SPARTANBURG, SC.	3454N	08213W	296		982.5	1016.5	24.6		19.5		4	23			298	115
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234		989.3	1016.3	25.4		19.1		2	23		1	263	90
72315 ASHEVILLE/REG., NC.	3526N	08233W	661		943.0	1017.7	21.6	0.5	19.0	0.2	4	23	-71	1	268	100
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270		985.3	1016.6	24.0		19.2		0	0		0	307	115
72324 CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210		992.3	1016.6	24.9		21.2		3	85		3	301	110

N AMER-USA

N AMER-USA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN DAYS 1 MM	DEPARTURE DAYS 1 MM	QUINTILE %	TOTAL % OF AV.	
<b>N AMERICA</b>															
USA	0°	0°	0	3											
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299	982.2	1016.7	24.1	19.9		5	44	1	317	110		
72327 NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	995.1	1016.5	25.7	1.4	20.1	-0.7	5	60	-34	2	251	90
72340 N. LITTLE ROCK/MUN.APRT., AR.	3450N	09215W	165	996.5	1015.6	26.9	1.0	23.4	1.4	5	16	-77	1		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141	998.3	1014.5	27.1	24.1		5	16	1	344	115		
72353 OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	967.3	1012.5	27.8	2.8	21.7	1.5	4	32	-66	1	372	115
72356 TULSA/INTL, OK.	3612N	09554W	206	989.4	1013.0	27.8	23.5		4	27	1	390	135		
72365 ALBUQUERQUE/INTL, NM.	3503N	10637W	1620	837.9	1009.1	26.1	2.2	7.2	0.6	2	7	-6	3	394	108
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	933.8	1008.3	29.9	1.2	6.9	1.2	2	25	23	6	411	101
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100	1001.3	1012.9	24.9	11.9		0	0	2	424	105		
72394 SANTA MARIA/PUBLIC, CA.	3454N	12027W	73		1014.6	15.9	0.3	12.3	-0.1	0	0	-1	0		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54	1009.6	1016.0	23.9	18.8		4	25	1	344	115		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20	1013.0	1015.3	23.9	0.3	19.6	0.5	8	80	-9	3	273	95
72406 BALTIMORE/B-WASHINGTON, MD.	3911N	07640W	47	1009.6	1015.0	22.9	18.0		7	65	2				
72407 ATLANTIC CITY, NJ.	3927N	07434W	20	1011.7	1014.1	21.2	18.6		8	39	2	327	125		
72408 PHILADELPHIA/INTL, PA.	3953N	07515W	9	1013.5	1014.5	22.3	0.2	19.2		11	86	-8	3	263	95
72411 ROANOKE/MUN., VA.	3719N	07958W	358	974.5	1015.8	22.6	18.4		5	21	0				
72412 BECKLEY/RALEIGH CTY.MUN), WV.	3747N	08107W	766	930.4	1016.9	19.6	16.9		10	79					
72414 CHARLESTON/YEAGER AP., WV.	3822N	08136W	299	981.3	1016.1	22.4	19.3		9	77	3				
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	984.8	1016.0	22.1	-0.4	18.1	8	127	30	4			
72422LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	980.7	1015.7	22.3	19.1		8	117	4				
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	997.5	1015.2	23.9	19.9		7	156	5	360	125		
72425 HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	985.8	1015.5	22.3	19.0		8	106					
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	985.8	1015.5	21.3	-0.6	18.3	0.9	10	133	33	4	263	100
72429 DAYTON/JAMES M. COX DAY..OH.	3954N	08412W	306	979.4	1015.1	21.2	-0.4	17.3	0.2	10	82	-13	3	264	87
72432 EVANSVILLE/REG., IN.	3803N	08732W	118	1001.4	1015.3	23.8	20.5		9	82	3	312	95		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	993.9	1013.8	25.1	1.3	20.0	0.6	7	77	-18	3	311	105
72438 INDIANAPOLIS/I.-MUN/WEI.,IN.	3944N	08616W	246	986.4	1015.1	21.8	18.5		9	79	2	263	90		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	992.5	1013.6	22.8	19.3		11	234	281	90			
72440 SPRINGFIELD/MUN., MO.	3714N	09323W	387	970.0	1014.5	23.9	21.4		9	118	3	320	110		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274	982.0	1013.7	22.9	0.0	21.2	2.4	10	183	89	5	236	80
72446 KANSAS CITY, INTL, MO.	3919N	09443W	312	976.6	1012.5	24.2	21.2		12	159	305	100			
72450 WICHITA, KS.	3739N	09726W	408	964.8	1011.4	27.6	3.3	20.8	3.1	7	49	-54	1	394	130
72451 DODGE CITY/MUN., KS.	3746N	09958W	790	922.0	1010.3	25.3	1.7	17.5	5	26	-51	1	376	110	
72456 TOPEKA/MUN., KS.	3904N	09537W	270	980.7	1011.9	25.1	1.9	22.5		12	141	6	4	321	110
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	958.9	1010.6	24.7	1.6	19.8		11	96	-26	3	291	85
72465 GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	886.6	1010.3	23.6	13.4		10	44	2				
72469 DENVER/STAPLETON INTL, CO.	3945N	10452W	1625	835.8	1009.4	22.6	2.5	9.3	0.1	2	5	-31	1	362	115
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475	850.8	1009.2	24.0	1.8	5.6	-1.0	2	7	-5	3	396	110
72483 SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8		1012.7	22.4	0.4	11.8	-0.3	0	0	-3	0		
72486 ELY/YELLAND, NV.	3917N	11451W	1909	809.1	1010.8	16.4	1.4	5.5	-0.2	4	21	1	4	345	95
72488 RENO/INTL, NV.	3930N	11947W	1341	865.2	1012.4	18.7	6.4		1	1	2	392	100		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5	1015.0	1015.7	16.9	1.0	12.7	0.8	0	0	-3	0		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9	1012.9	1014.1	22.4	0.8	16.9	1.1	9	54	-34	2	281	110
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19	1012.4	1014.5	19.8		16.6		6	29	1	274	100	
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55	1007.1	1013.2	20.6		17.4		6	91	3	244	85	
72509 BOSTON/LOGAN INTL, MA.	4222N	07102W	9	1012.7	1013.8	19.2	-0.8	15.7	0.1	6	18	-56	1	258	85
72513 WILKES-BARRE-SCRANTON, PA.	4200N	07544W	289	980.1	1014.2	19.8		16.2		13	121	210	75		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497	956.0	1014.0	18.1		15.3		9	64	262	95		
72517 ALLEGHENY/A.-BETHLEHEM-.PA.	4039N	07526W	117	1000.3	1014.2	21.1		17.5		9	73	3	346		
72518 ALBANY/ALBANY CO., NY.	4245N	07348W	89	1003.1	1013.6	19.6	-0.2	16.0		8	68	-23	2	208	80
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124	998.1	1012.8	19.6		15.9		11	74	3	209	80	
72520 PITTSBURGH/GREATER PITT.,PA.	4030N	08013W	373	971.6	1015.2	20.2	-0.9	17.4		13	108	18	4	166	70
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377	971.5	1015.2	19.3		16.9		10	91	4			
72525 YOUNGSTOWN, OH.	4116N	08040W	361	972.1	1014.8	18.9		17.0		9	78	2			
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	988.2	1013.6	19.3	0.5	16.6	1.7	9	90	13	4	259	90
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169	993.1	1013.4	19.6		15.6		9	73	4	262	85	
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205	989.1	1013.3	20.9		16.8		13	114	3	264	85	
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	990.3	1014.0	21.7		20.2		9	203	5	266	85	
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252	984.9	1014.5	20.8		17.3		12	139	5	350	105	
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236	985.8	1013.7	20.4		16.2		9	112	4			
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211	989.4	1013.9	20.6		16.6		8	80	256	90		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202	989.3	1013.2	20.3	-0.5	16.1		11	125	48	5	253	85
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181	992.1	1013.2	21.8		18.7		15	244	6	267	95	
72546 DES MOINES/MUN., IA.	4132N	09339W	294	978.3	1012.5	22.0	-0.2	18.9	2.4	12	128	5	256	80	
72553 OMAHA, NE.	4122N	09601W	406	964.4	1011.2	23.2	0.5	18.9		8	106	4	3		

N AMER-USA

N AMER-USA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE
<b>N AMERICA</b>														
USA	°	°	'	'	mb	mb	°C	°C	mb	mb	mm	mm	mb	hr
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	956.3	1010.8	22.7	17.2		8	194	5			
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336	972.0	1011.1	23.0	17.2		8	107	4	310	100	
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849	915.0	1010.5	21.7	1.5	15.2	1.6	5	48	-45	2	382 124
72564 CHEYENNE, WY.	4109N	10449W	1872	812.6	1011.8	17.8	9.2		4	26	2	358	125	
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	836.8	1011.2	18.1	7.7		5	17				
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288	869.7	1010.6	22.2	2.2	8.2	-0.1	4	17	-8	3	375 105
72576 LANDER/HUNT, WY.	4249N	10844W	1694			18.4				3	9		2	325 100
72578 POCATELLO/NUM., ID.	4255N	11236W	1365	862.3	1012.8	16.9	8.1		2	19		3	385	115
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			17.9	0.4	6.0	-0.7	1	5	-18	2	
72594 EUREKA, CA.	4048N	12410W	18	1015.7	1017.8	14.6	1.9	12.8		2	8	-8	3	
72597 MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	968.6	1015.8	19.1	0.4	10.5	-0.1	1	4	-12	2	
72605 CONCORD/MUN., NH.	4312N	07130W	105	1000.9	1013.1	18.5	15.4		12	64	3	237	85	
72606 PORTLAND/INTL JET PORT, ME.	4339N	07019W	19	1010.6	1012.8	16.9	14.5		12	105	4	227	85	
72617 BURLINGTON/INTL, VT.	4428N	07309W	104	1000.3	1012.6	18.8	0.5	15.4	0.4	12	78	-14	2	273 100
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	983.9	1012.7	19.5	15.3		9	76		280	95	
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193	990.2	1012.8	18.2	14.9		10	92	5			
72637 FLINT/BISHOP, MI.	4258N	08345W	233	985.5	1013.1	19.3	15.4		13	96	4			
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	987.2	1012.2	19.8	15.3		12	126	4	274	90	
72641 MADISON/DANE COUNTY REG., WI.	4308N	08920W	264	981.1	1012.1	19.8	0.4	16.5		11	124	30	4	263 90
72644 ROCHESTER/MUN., MN.	4355N	09230W	402	965.1	1011.7	19.8	16.8		12	236				
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	986.4	1011.8	18.9	15.6		11	261	6	235	80	
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	960.3	1010.8	21.2	15.8		8	123	4			
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393	964.2	1009.9	20.3	0.5	15.5		10	161	77	5	355 110
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255	980.9	1010.9	20.8	0.7	16.8		13	249	152	6	341 110
72662 RAPID CITY/REG., SD.	4403N	10304W	966	902.7	1011.7	19.2	0.7	12.7	0.8	5	36	-47	1	336 110
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209	877.5		16.0	-0.5	11.2	0.7	7	52	-5	3	
72677 BILLINGS/LOGAN INTL, MT.	4548N	10832W	1088	889.7	1011.8	18.4	9.5		7	17	1	327	110	
72681 BOISE/MUN., ID.	4334N	11613W	874	913.8	1012.7	19.4	0.6	8.8	0.4	1	3	-21	1	380 110
72688 PENDLETON, OR.	4541N	11851W	456	961.4	1014.6	18.2	9.1		4	15	3			
72698 PORTLAND/INTL, OR.	4536N	12236W	12	1015.8	1017.2	17.6	0.1	13.1	1.2	7	49	10	4	210 75
72712 CARIBOU/MUN., ME.	4652N	06801W	190			17.2	1.1	13.9	0.9	14	116	45	5	
72734 SAULT STE. MARIE, MI.	4628N	08422W	221	985.5	1012.0	13.9	-0.7	12.5	0.2	18	127	46	5	202 70
72743 MARQUETTE, MI.	4632N	08733W	434	960.2	1011.4	15.5	-0.1	12.6		11	80	-2	3	
72745 DULUTH/INTL, MN.	4650N	09211W	432	960.2	1011.1	16.4	1.2	13.6	2.0	14	123	22	4	251 88
72747 INT. FALLS/FALLS INTL, MN.	4834N	09323W	361			17.3	1.1			8	140	47	5	
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274	977.9	1010.3	19.4	15.2		11	154	5	311	105	
72764 BISMARCK/MUN., ND.	4646N	10045W	506	951.9	1010.8	18.7	0.8	13.8	1.1	10	120	44	5	282 90
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	943.0	1010.4	18.6	11.7		8	45	2	302	95	
72768 GLASGOW/INTL, MT.	4813N	10637W	700	930.5	1011.2	18.9	9.3		8	29	1			
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	879.8	1013.4	16.4	0.9	8.3		7	23	-28	1	292 95
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972	904.1	1015.1	15.4	9.3		4	11	1	341	115	
72775 GREAT FALLS/INTL, MT.	4729N	11122W	1115	886.5	1012.3	15.4	-1.5	9.2	0.1	6	31	-38	2	341 110
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325	975.6	1013.8	17.6	9.8		3	8	3			
72785 SPOKANE/INTL, WA.	4738N	11732W	721	930.7	1013.9	15.9	-0.6	9.7	0.4	5	49	18	5	356 115
72791 ASTORIA/CLATSOP, OR.	4609N	12353W	7	1017.0	1017.8	14.2		13.0		13	88			
72792 OLYMPIA, WA.	4658N	12254W	61	1009.9	1017.3	14.3	-0.5	12.3	0.8	9	73	36	5	
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	1000.3	1016.7	15.4		12.8		8	78	5	262	100
72797 QUILLAYUTE, WA.	4756N	12433W	62	1009.7	1017.2	13.4	0.4	12.5	1.0	15	167	.96	6	
74492 BLUE HILL OBS., MA.	4213N	07107W	195	989.9	1013.4	18.6	0.1	15.4	-0.1	8	34	-42	1	247 100
<b>CANADA</b>														
71043 NORMAN WELLS, N.W.T.	6517N	12648W	73	1000.5	1009.6	13.8	-0.2	9.6	0.0	12	68	31	5	279 90
71072 MOULD BAY A, N.W.T.	7614N	11919W	12	1011.7	1013.3	4.7	4.9	5.4	0.1	1	4	-2	3	412 165
71081 HALL BEACH, N.W.T.	6847N	08115W	8	1006.9	1007.9	0.2	0.2	5.7	0.1	3	12	-5	3	
71082 ALERT, N.W.T.	8230N	06220W	63	1005.4	1014.0	1.2	2.2	5.5	1.0	3	5	-7	2	408 135
71090 CLYDE, N.W.T.	7028N	06837W	25	1006.9	1010.3	2.4	1.8	5.4	0.2	0	0	-12	0	399 155
71101 SANDSPIT, B.C.	5315N	13149W	6	1014.2	1015.0	12.7	1.1	12.5	1.8	13	63	11	4	178 100
71109 PORT HARDY, B.C.	5041N	12722W	22	1013.5	1016.1	12.4	0.6	12.1	1.0	13	131	60	5	131 95
71600 SABLE ISLAND, N.S.	4356N	06001W	4	1014.9	1015.4	11.2	0.3	12.1	0.0	14	270	176	6	145 90
71601 SHEARWATER, N.S.	4438N	06330W	41	1007.5	1013.8	14.7	0.9	13.3	0.6	7	107	23	4	185 85
71624 TORONTO INTL AIRPORT, ONT.	4341N	07938W	176	991.5	1012.1	18.7	1.0	14.4	0.0	10	69	2	3	
71627 MONTREAL/DORVAL INTL, QUE.	4528N	07345W	36	1007.0	1011.3	18.1	-0.2	14.7	0.0	13	69	-14	2	161 65
71707 SYDNEY, N.S.	4610N	06003W	60	1006.1	1013.6	14.7	1.5	12.7	0.6	9	93	11	4	222 100
71717 CHATHAM, N.B.	4701N	06527W	34	1007.1	1011.1	16.8	1.1	13.1	0.5	9	63	-19	2	236 105
71722 MANIWAKI, QUE.	4623N	07558W	170	990.7	1011.1	16.6	0.7	14.4	1.0	16	138	51	5	179 70

N AMER-CANADA

N AMER-CANADA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN	DEPARTURE	TOTAL MM	% OF AV.				
<b>N AMERICA</b>																		
<b>CANADA</b>																		
71727 BAGOTVILLE, QUE.	4820N	07100W	163	991.6	1010.8	16.2	0.8	12.3	0.5	14	102	11	4					
71731 NORTH BAY, ONT.	4622N	07925W	369	967.6	1011.5	15.6	-0.1	12.3	-0.3	15	157	72	5	211 85				
71803 GANDER INTL AIRPORT, NFLD.	4857N	05434W	147	994.6	1012.9	13.2	1.5	11.2	0.8	7	83	3	3	234 125				
71811 SEPT-ILES, QUE.	5013N	06616W	55	1003.5	1010.3	11.8	0.0	10.4	0.1	10	101	11	4	223 95				
71815 STEPHENVILLE, NFLD.	4832N	05833W	26	1009.4	1012.7	12.9	1.0	11.4	0.4	9	71	-16	3	214 115				
71816 GOOSE, NFLD.	5319N	06025W	44	1008.7	1011.2	12.1	0.8	8.4	-0.5	14	84	-9	3	214 115				
71831 KAPUSKASING, ONT.	4925N	08228W	229	983.3	1010.6	13.9	-0.2	12.0	0.9	16	163	78	6					
71836 MOOSONEE, ONT.	5111N	08039W	10	1008.8	1010.0	11.5	-0.4	9.7	-0.7	14	163	84	6	202 90				
71848 BIG TROUT LAKE, ONT.	5350N	08952W	222	984.1	1011.4	11.7	-0.3	10.1	0.4	10	43	-23	2	206				
71852 WINNIPEG INTL AIRPORT, MAN.	4955N	09714W	240	981.1	1009.6	17.6	0.8	14.9	2.6	11	143	63	5	291 105				
71863 REGINA, SASK.	5026N	10440W	574	943.1	1011.0	17.1	1.2	10.7	-0.2	9	32	-48	1	288 100				
71867 THE PAS, MAN.	5358N	10106W	271	977.4	1010.0	15.4	1.0	12.2	1.1	7	38	-25	2	287 105				
71874 LETHBRIDGE, ALTA.	4938N	11248W	920	905.3	1011.8	15.3	-0.1	9.0	-0.5	3	42	-36	2	322 115				
71879 EDMONTON MUNICIPAL, ALTA.	5334N	11331W	676	931.9	1010.0	15.7	0.6	11.0	0.9	11	53	-24	2	276 100				
71892 VANCOUVER INTL AIRPORT, B.C.	4911N	12311W	2	1015.9	1016.2	15.3	0.3	13.2	0.8	12	110	65	5	175 75				
71896 PRINCE GEORGE, B.C.	5353N	12241W	691	932.0	1013.2	13.4	0.5	9.5	0.1	12	99	32	5	228 90				
71906 KUUJJUAQ, QUE.	5806N	06825W	37	1003.5	1008.0	6.8	-0.1	6.6	-0.5	8	29	-22	1	135 75				
71907 INUKJUAK, QUE.	5827N	07807W	8	1007.9	1008.8	3.6	-0.8	6.5	-0.2	3	31	-4	3	188 95				
71909 FROBISHER BAY, N.W.T.	6345N	06833W	34	1003.8	1008.2	3.3	-0.1	6.0	0.2	3	11	-28	0	193 110				
71913 CHURCHILL, MAN.	5845N	09404W	29	1007.4	1011.0	7.1	0.9	7.5	0.4	7	32	-11	3	257 110				
71915 CORAL HARBOUR, N.W.T.	6412N	08322W	64	999.7	1007.8	1.7	-0.4	5.9	0.0	6	19	-8	2	290 105				
71917 EUREKA, N.W.T.	8000N	08556W	10	1010.1	1011.5	4.5	2.7	5.5	0.3	1	2	-4	2	531 130				
71924 RESOLUTE, N.W.T.	7443N	09459W	67	1001.8	1010.5	0.3	0.9	5.7	0.7	3	19	7	5	357 140				
71925 CAMBRIDGE BAY, N.W.T.	6906N	10507W	27	1008.0	1011.5	2.6	1.1	6.1	0.1	5	22	9	4	331 125				
71926 BAKER LAKE, N.W.T.	6418N	09600W	18	1009.3	1011.6	3.6	-0.4	5.9	-0.5	2	13	-8	2	295 115				
71934 FORT SMITH, N.W.T.	6001N	11158W	203	984.2	1009.0	14.9	1.3	9.7	0.0	8	42	1	4	331 110				
71938 COPPERMINE, N.W.T.	6749N	11509W	22	1008.6	1011.5	5.2	1.4	6.9	0.2	4	13	-3	3	378 120				
71945 FORT NELSON, B.C.	5850N	12236W	382	964.8	1010.6	14.5	0.1	10.2	0.1	11	74	5	4	290				
71957 INUVIK, N.W.T.	6818N	13329W	68	1002.1	1010.6	11.3	1.2	8.0	0.5	4	16	-8	2	419 110				
71964 WHITEHORSE, Y.T.	6043N	13504W	703	928.4	1011.5	11.8	-0.1	8.3	1.1	9	47	16	5	238 85				
<b>ST. PIERRE AND MIQUELON</b>																		
71805 SAINT-PIERRE	4646N	05610W	5	30	1014.3	1014.9	8.7	0.1	9.6	-0.5	14	161	63	5				
<b>MEXICO</b>																		
76458 COLONIA JUAN CARRASCO MAZ.	2312N	10625W	4	1010.0	1010.0	29.8	2.4	29.7	2.1	6	66	34	5	292 200				
76577 GUANAJUATO, GTO.	2101N	10115W	1999	804.6	1007.8	20.9	0.7	16.3	2.5	122	-5	3	219	100				
76612 GUADALAJARA, JAL.	2040N	10323W	1551	847.1	1008.7	21.6	-0.9	16.5	0.2	12	107	-45	2	181 85				
<b>CUBA</b>																		
78325 CASA BLANCA, HABANA	2310N	08221W	50	1010.3	1016.1	26.6	0.1	28.7	1.8	7	129	-33	3					
<b>JAMAICA</b>																		
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8	1014.0	1014.9	28.2	1.0	28.5	2.2	10	59	-84	1					
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14	1012.3	1013.9	28.5	0.4	26.4	-0.3	4	70	-8	4					
<b>HAITI</b>																		
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	20	30	1012.7	1014.4	28.9	0.3	28.3	1.1	9	110	34	2	103			
<b>PUERTO RICO AND US POSS</b>																		
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			28.1	0.7			1	5	-118	0					
<b>COSTA RICA</b>																		
78760 PUNTARENAS	0958N	08450W	3	30	1010.3	1010.3	28.0	0.6	32.3	1.8	13	261	27	4				
78762 JUAN SANTAMARIA	1000N	08413W	939	30	909.5	1010.2	23.8	2.2	22.3	0.7	15	322	80	5				
78767 PUERTO LIMON	1000N	08303W	3	30	1010.7	1010.7	25.9	-0.3	30.6	1.4	22	442	228	5				
<b>ST. MAARTEN, ST. EUST., SABA</b>																		
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9	1016.8	1017.3	28.3	0.0	28.4		14	83	15	4	211 85				
<b>ST. MARTIN, ST. BARTH., GUAD.</b>																		
78897 LE RAIZET, GUADELOUPE	1616N	06131W	8	30	1015.5	1016.4	27.8	1.0	27.8	0.3	18	107	27	4				
<b>MARTINIQUE</b>																		
78925 LE LAMENTIN	1436N	06100W	4	30	1014.6	1015.4	27.5	1.7	30.6	3.3	22	183	17	4				

N AMER-TRINIDAD TOBAGO

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
N AMERICA	0°	0°	0'	8	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%	
TRINIDAD AND TOBAGO																
78970 PIARCO INTL AIRPORT, TRINIDAD	1037N	06121W	15		1011.9	1014.4	26.5	0.3	28.7	0.5	21	228	-26	3	200	105
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1011.9	1012.8	28.5	0.4	30.0	1.0	2	5	-16	2	256	104
COLOMBIA																
80001 SAN ANDRES (ISLA)	1235N	08143W	6	30	1011.0	1011.1	28.1	0.5	32.7	1.8	12	177	-15	3		
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14	30	1007.1	1007.5	29.7		29.2		5	27				
80022 CARTAGENA/CRESPO	1027N	07531W	12	30	1009.7	1009.9	28.5		32.0		7	32				
80028 BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30	30	1008.6	1010.2	28.0	-0.1	30.3	0.1	3	10	-92	1	214	
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134	30			28.3	0.5	30.7	2.3	10	166	-70	3		
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189	30	880.6		22.0		22.2		9	64				
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317	30	974.2	1008.7	28.4	0.6	22.8	-0.4	6	22	-29	2		
80112 RIONEGRO/J. M. CORDOVA	0611N	07526W	2142	30	790.5		17.7		14.5		11	177				
80139 PUERTO CARRERO	0610N	06730W	55	30			26.6		29.0		20	448				
80144 QUIBDO/EL CARANO	0543N	07637W	33	30			27.2		30.7		22	394				
80210 PEREIRA/MATECANA	0449N	07548W	1342	30	865.0		21.9		19.5		11	77				
80214 IBAGUE/PERALES	0426N	07509W	928	30			24.3		21.1		4	28				
80222 BOGOTA/EL DORADO	0442N	07408W	2548	30	753.9		14.4	1.2	11.8	-0.3	5	22	-49	1		
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431	30			24.3		25.4		25	425				
80241 GAVIOTAS	0433N	07055W	167	30	990.5	1009.9	24.6	0.1	23.4	-3.1	25	585	112	4		
80251 BUENAVENTURA/COLPUERTOS	0355N	07705W	10	30			26.4		30.2		25	505				
80259 CALI/PALMASECA	0333N	07623W	969	30			23.9	0.2	21.2	0.0	3	35	-26	2		
80315 NEIVA/LA MANGUITA	0258N	07518W	443	30			28.3	0.7	20.5	-2.4	3	9	-40	0	174	
80337 TUMACO/EL MIRA	0134N	07841W	5	30			25.8		29.7		21	706				
80342 PASTO/ANTONIO NARINO	0125N	07716W	1826	30			20.5		15.3		4	33				
80370 IPIALES/SAN LUIS	0049N	07738W	2961	30			10.7	0.4	10.8	0.1	10	53	0	4		
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84	30	1003.0	1012.6	25.0	-0.1	28.4	0.7	14	176	-36	2	125	
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1012.5	1012.9	26.7	-0.1	30.4	0.7	21	211	-141	1		
81002 TIMEHRI	0630N	05815W	30		1001.0	1013.5	25.7	0.2	28.6	-0.2	26	449	109	5		
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1011.0	1013.4	26.0	0.5	28.5	7.4	21	305	12	4	158	
FRENCH GUIANA																
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1012.5	1013.6	25.9	0.5	30.3	1.7	26	407	-57	2	166	98
BRAZIL																
82098 MACAPA	0002N	05103W	15	30	1010.2	1012.0	26.6		31.7		24	304				
82106 S.GABRIEL DO CACHOEIRA(UAU.)	0008S	06705W	90	30	1002.4	1012.2	25.3	0.7	29.3	2.5	23	526	262	6		
82191 BELEM	0127S	04828W	24	30	1011.8	1012.3	26.4	0.2	29.6	0.8	17	121	-36	2		
82212 FONTE BOA	0232S	06610W	55	30	1003.3	1009.8	26.0		31.4		10	164				
82246 BELTERRA	0238S	05457W	176	30	994.1	1014.1	24.4		29.8		20	107				
82280 SAO LUIZ	0232S	04417W	51	30	1006.6	1012.5	25.9	0.1	29.9	1.0	12	154	-28	2		
82287 PARNAIBA	0255S	04136W	22				26.3		27.7		4	42				
82331 MANAUS	0308S	06001W	72	30	1004.2	1012.0	27.0	0.6	29.0	0.9	12	96	-16	2		
82397 FORTALEZA	0344S	03833W	19	30	1010.0	1013.4	26.4	0.5	27.6	0.8	11	68	-62	2		
82562 MARABA	0521S	04909W	102		1001.5	1012.4	27.5		28.9	2	14	0				
82571 BARRA DO CORDA	0530S	04516W	153	30	994.1	1014.0	25.5	1.0	26.1	0.1	1	40	19	4		
82578 TEREZINA	0505S	04249W	74		1003.9	1013.4	26.4	0.0	26.4	0.8	5	90	-6	3		
82586 QUIXERAMOBIM	0512S	03918W	211	30	989.4	1013.1	26.6	0.9	24.1	1.1	5	56	-9	3		
82640 JACAREACANGA	0616S	05744W	98	30	999.9	1011.2	29.7		30.2		3	21				
82668 SAO FELIX DO XINGU	0638S	05158W	150		991.2	1012.6	26.1	1.5	27.5	3	17	-29	2			
82678 FLORIANO	0646S	04301W	123	30	997.9	1013.5	27.7	1.5	20.4	-1.1	0	0	-13	2		
82704 CRUZEIRO DO SUL	0738S	07240W	170	30	989.8	1009.3	25.1	1.2	25.8	-0.9	9	54	-39	3		
82765 CAROLINA	0720S	04728W	192	30	990.7	1014.6	27.2	1.8	20.9	-1.9	0	0	-27	0		
82784 BARBALHA	0719S	03918W	409	30	967.4	1014.1	24.9		19.3		2	3				
82791 PATOS	0701S	03716W	249	30	982.9	1012.9	28.3		21.6	4	4					
82825 PORTO VELHO	0846S	06305W	95	30	1003.3	1010.1	24.8	-0.7	27.3	-0.2	3	52	7	4		

S AMER-BRAZIL

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
<b>S AMERICA</b>														
<b>BRAZIL</b>														
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160	30	1014.5	1015.4	27.2	1.2	27.2	1.4	4	60	44	6
82900 RECIFE (CURADO)	0803S	03455W	7	30			24.7	0.3	27.2	1.4	25	453	76	4
82915 RIO BRANCO	0958S	06748W	136	30			22.9		24.9		4	36		
82983 PETROLINA	0923S	04029W	370	30	973.4	1014.6	25.5	1.1	19.7	-0.1	0	0	-6	1
83096 ARACAJU	1055S	03703W	6	30	1014.1	1014.8	26.1	1.4	25.6	-0.3	14	116	-80	2
83186 JACOBINA	1111S	04028W	484	30	960.7	1017.5	2.4		21.5		19	70		4
83208 VILHENNA	1244S	06008W	652	30	945.8	1014.2	23.1		23.9		3	30		
83229 SALVADOR	1301S	03831W	51	30	1009.3	1015.3	24.6	0.5	26.7	3.0	19	211	-11	3
83235 TAGUATINGA	1216S	04626W	660		947.4	1014.2	24.4		17.3		0	0		
83236 BARREIRAS	1209S	04500W	440	30	964.4	1014.0	24.5		18.3		0	0		
83242 LENCOIS	1234S	04123W	438	30	967.6	970.0	20.9		22.7		13	27		1
83264 VERA (GLEBA CELESTE)	1212S	05630W	415	30	972.4	1013.9	23.2		25.8		1	30		
83288 BOM JESUS DA LAPA	1316S	04325W	440	30	964.6	1016.1	24.2	-0.7	18.7	1.7	0	0	-3	3
83361 CUIABA	1533S	05607W	179	30	997.5	1018.0	23.7	0.5			1	9	-1	4
83377 BRASILIA	1547S	04756W	1158	30	889.8	1015.9	18.7	0.3	13.3	-0.9	0	0	-8	4
83492 TEOFILO OTONI	1751S	04130W	356	30	979.9	1018.8	21.2		17.8		8	18		3
83498 CARAVELAS	1744S	03915W	3	30	1018.4	1018.9	23.8	1.2	21.6	-1.8	14	243	165	6
83512 COXIM	1830S	05446W	286	30	981.8	1014.5	17.8		21.7		4	22		
83552 CORUMBA	1900S	05739W	130	30	999.2	1017.2	20.1	-1.1	20.8	0.0	5	62	23	5
83579 ARAXA	1934S	04656W	1004		904.1	1017.6	18.3	-0.2	19.1	3.4	0	0	-24	1
83587 BELO HORIZONTE	1950S	04356W	850	30	916.6	1018.2	19.2	0.7	17.6	1.3	1	10	-1	4
83592 CARATINGA	1948S	04209W	609	30	950.0	1019.1	19.0		17.3		4	7		3
83611 CAMPO GRANDE	2028S	05440W	560	30	957.1	1017.2	19.7	-0.6	17.9	-0.7	2	40	-4	4
83648 VITORIA	2019S	04020W	36	30	1015.0	1019.4	23.3		21.9		7	47		3
83676 CATANDUVA	2108S	04858W	536	30	954.6	1018.7	18.4		15.9		2	60		2
83692 JUIZ DE FORA	2146S	04321W	939		915.2	1020.5	16.4	0.2	15.3	0.5	0	0	-18	1
83698 CAMPOS	2145S	04120W	11	30	1019.4	1020.8	22.3		21.3		5	57		5
83702 PONTA PORA	2232S	05544W	650	30	940.1	1018.3	16.1	-0.4	15.5	0.2	9	99	16	4
83743 RIO DE JANEIRO	2255S	04310W	5	30	1019.7	1020.1	22.2	0.6	21.6	1.9	4	36	-8	3
83766 LONDRINA	2323S	05111W	566	30	952.4	1018.5	16.2	-0.3	15.9	2.3	7	74	-4	3
83781 SAO PAULO	2330S	04637W	792	30	928.8	1018.7	16.5	0.6	14.2	-0.8	4	39	-7	3
83836 IRATI	2528S	05038W	837	30	921.4	1018.3	11.8		1.2		9	180		
83842 CURITIBA	2526S	04916W	923	30	915.3	1019.3	13.0	0.0	13.0	-0.1	6	91	-15	4
83881 IRAI	2711S	05314W	247	30	988.7	1019.9	13.1		13.2		14	295		5
83897 FLORIANOPOLIS	2735S	04834W	2	30	1018.4	1018.6	15.7	-1.5	15.1		11	80	0	3
83967 PORTO ALEGRE	3001S	05113W	47	30	1014.6	1020.2	12.4	-2.1	12.2	-2.1	15	113	-7	3
83980 BAGE	3120S	05406W	217	30							6	12		0
83997 ST.VITORIA DO PALMAR	3331S	05321W	24	30	1015.4	1020.0	10.5	-1.7	10.9	-1.2	3	70	-31	2
<b>PERU</b>														
84370 TUMBES	0333S	08024W	27		1008.1	1011.0	24.8		25.0			3		
84377 IQUITOS	0345S	07315W	126		1001.5	1018.8	25.2	-0.3	28.2	2.3	17	295	113	5
84401 PIURA	0511S	08036W	55		1008.7	1015.2	22.4	-0.8	19.5	0.6	0	0	0	5
84425 YURIMAGUAS	0554S	07605W	184		995.5	1016.8	26.6	0.5	27.8	1.5	14	182	69	5
84452 CHICLAYO	0647S	07950W	34		1009.5	1012.5	20.2	0.4	18.4	1.3	0	0	0	5
84455 TARAPOTO	0627S	07623W	282		985.9	1020.2	24.8	-0.4	26.2	0.5	14	138	-69	5
84474 JUANJUI	0713S	07643W	363		981.8		26.4	0.9	27.8	1.5	4	51	-19	2
84501 TRUJILLO	0806S	07902W	30		1010.0	1013.0	17.8	0.3	14.5	-2.8	0	0	0	5
84515 PUCALLPA	0825S	07436W	149		996.0	1013.1	25.0	-0.6	27.2	0.2	9	66	-22	3
84531 CHIMBOTE	0910S	07831W	21		1012.7	1015.9	18.9	-0.3	18.3	0.9	0	0	0	5
84534 TINGO MARIA	0908S	07557W	665		941.1	1012.7	24.6	0.4	23.5	-0.1	17	182	36	4
84542 ANTA (HUARAZ)	0921S	07736W	2760		737.3		19.7	3.4	11.2	-0.6	5	17	13	6
84564 HUANUCO	0954S	07545W	1860		817.1		20.4	0.7	16.0	2.2	7	20	16	5
84628 LIMA-CALLAO/AEROP. INTL	1200S	07707W	13		1011.3	1013.4	17.2	0.2	19.6	3.2		2	-4	4
84658 PUERTO MALDONADO	1238S	06912W	266		990.3	1019.5	22.0	-2.0	23.5	-0.3	5	60	19	4
84673 AYACUCHO	1308S	07413W	2749		734.5		16.4	0.8	9.7	0.4	12	48	43	6
84686 CUZCO	1333S	07159W	3249		689.3		9.6	-0.3	7.6	-0.3	9	27	25	6
84691 PISCO	1345S	07617W	7		1010.7	1011.4	17.4	0.5	6.1	-10.0	0	T	-1	5
84721 SAN JUAN	1523S	07510W	60		1006.7	1013.7	16.6	-0.2	14.9	0.2	0	0	-1	5
84735 JULIACA	1529S	07009W	3827		630.8				5.8	1.1	6	6	4	5
84752 AREQUIPA	1619S	07133W	2520		752.9		14.9	0.7	5.2	-0.4	0	0	0	5
84782 TACNA	1804S	07018W	458		962.4	1016.1	14.3	-0.5	11.4	-1.4	0	T	-3	4
<b>CHILE</b>														
85406 ARICA	1821S	07020W	55		1008.6	1016.1	15.6	-0.8	13.8	-1.2	0	0	0	138

S AMER-CHILE

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	QUINTILE	% OF AV.			
<b>S AMERICA</b>																
<b>CHILE</b>																
85442 ANTOFAGASTA	2326S	07027W	140	1001.2	1015.5	14.2	0.4	13.3	0.6	0	0	0.5	181			
85469 ISLA DE PASCUA	2710S	10926W	69	1011.7	1017.4	20.1	-1.2	18.8	-1.7	13	206	104.5	148			
85488 LA SERENA	2955S	07112W	146	999.5	1016.8	9.9	-1.2	10.2	-0.8	0	T	-23.2	127			
85585 ISLA ROBINSON CRUSOE	3337S	07850W	30	1017.6	1021.3	13.4	-0.3	12.5	0.1	10	63	-117.1	104			
85766 VALDIVIA	3938S	07305W	19	1006.4	1018.7	6.7	-0.9	9.1	0.1	14	170	-153.1	59			
85799 PUERTO MONTT	4126S	07306W	90	1006.7	1016.9	6.5	0.2	9.0	-0.1	16	243	41.5	62			
85934 PUNTA ARENAS	5300S	07051W	44	991.4	998.0	1.8	-0.1	6.4	0.7	8	25	-4.4	60			
<b>PARAGUAY</b>																
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181	998.3	1020.5	15.9	-3.6	16.1	1.6	7	37	15.5	102.70			
86086 PUERTO CASADO	2217S	05752W	87	1006.3	1017.2	18.2	-2.0	16.2	-1.1	4	61	-4.3				
86097 PEDRO JUAN CABALLERO	2235S	05539W	662	941.9		16.8	-0.5	16.0		5	86	-22.2				
86134 CONCEPCION	2325S	05718W	74	1008.9	1019.1	17.6	-1.3	16.8		6	36	-27.1	127.85			
86210 SALTOS DEL GUAIRA	2403S	05419W		991.6		17.9		15.7		9	90					
86218 ASUNCION/AEROPUERTO	2516S	05738W	101	1010.3	1019.0	15.4	-3.0	14.7	-0.9	14	113	38.4	101.60			
86233 VILLARRICA	2545S	05626W	161	1000.7	1019.9	14.8	-2.3	14.4	-0.8	11	226	119.5	130.75			
86248 PUERTO PRESIDENTE STROESSNER	2532S	05436W	196	996.1	1018.1	15.3	-1.1	13.7	-2.0	10	216	108.5	113.70			
86255 PILAR	2651S	05819W	56	1014.1	1020.9	14.0	-3.2	13.9	-1.3	9	162	102.5				
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126	1007.1	1023.3	13.7		12.0		10	176	5.148	90.00			
86297 ENCARNACION	2719S	05550W	91	1010.8	1020.5	13.1	-3.0	13.3	-1.7	11	239	105.5	141.85			
<b>URUGUAY</b>																
86330 ARTIGAS	3023S	05630W	123	30	1005.4	1020.1	10.8	-2.5	9.8	-3.1	3	23	-82.1			
86360 SALTO	3123S	05757W	34	1015.6	1019.6	10.8	-0.8	10.4	1.9	4	14	-81.1				
86440 MELO	3222S	05411W	100	1007.1	1019.6	9.4	-1.9	9.9		1	8	-109.0				
86460 PASO DE LOS TOROS	3248S	05631W	75	1009.9	1019.2	9.8	-2.0	9.8		3	20	-101.1				
86490 MERCEDES	3315S	05804W	22	1017.4	1019.5	9.4	-1.7	9.3		2	16	-49.2				
86500 TREINTA Y TRES	3313S	05423W	46	1013.6	1019.3	9.5	-1.7	9.4		4	3	-127.0				
86560 COLONIA	3427S	05750W	23	1016.1	1018.9	10.7	-1.3	9.5		2	14	-61.1				
86565 ROCHA	3429S	05418W	18	1016.6	1019.0	9.7	-1.5	9.0		6	68	-33.3				
86580 CARRASCO	3450S	05600W	32	1014.4	1018.5	9.8	-1.6	9.3		3	45	-49.1				
<b>ARGENTINA</b>																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459	673.9	3141Z	3.9	-0.1	2.7	-0.8	0	T	-1.5				
87016 ORAN AERO	2309S	06419W	357	976.0	1018.1	13.7		12.8		1	2	2.115	110.00			
87046 JUJUY AERO	2423S	06505W	904	915.0	1522Y	12.1	0.8	10.5	-0.2	1	2	-7.2	178.110			
87047 SALTA AERO	2451S	06529W	1221	880.3	1516Y	10.0	-0.2	8.4	-1.3	0	T	-3.1	162.113			
87065 RIVADAVIA	2410S	06254W	205			14.8	-1.4	12.2		0	0	0	8.1			
87078 LAS LOMITAS	2442S	06035W	130	1001.5	1016.9	14.2	-2.6	13.5	-1.0	6	38	20.5	139.85			
87097 IGUAZU AERO	2544S	05428W	270	987.3	1019.2	14.5		14.7		11	288	5				
87121 TUCUMAN AERO	2651S	06506W	450	965.1	1017.9	11.7		11.8		3	11		175.00			
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199	994.3	1018.1	11.6	-1.3	9.7	-1.3	1	4	-3.3	195.155			
87149 PRES. ROCHE SAENZ PENNA AERO	2649S	06027W	92			13.4	-1.6	11.9	-2.2	7	45	18.4	134.94			
87155 RESISTENCIA AERO.	2727S	05903W	52	1012.8	1019.1	12.7	-2.6	12.9	-1.3	7	71	27.4	126.104			
87162 FORMOSA AERO	2612S	05814W	60	1010.3	1017.5	14.3	-2.6	14.2	-1.2	8	92	35.4	136.75			
87166 CORRIENTES AERO.	2727S	05846W	62	1011.3	1018.8	13.2	-2.6	12.9	-1.3	9	77	31.5	165.95			
87178 POSADAS AERO.	2722S	05558W	125	1003.2	1019.1	13.8	-2.2	13.8	-0.5	11	206	78.5	125.91			
87217 LA RIOJA AERO.	2923S	06649W	429	966.3	1015.7	10.7	-0.4	8.4	-0.5	0	0	-4.2	205.113			
87222 CATAMARCA AERO.	2836S	06546W	454	952.5		11.8	0.4	10.2	1.1	0	T	-7.2	103.00			
87257 CERES	2953S	06157W	88	1008.5	1019.2	10.2	-2.5	10.0	-2.2	3	14	-11.3	191.138			
87270 RECONQUISTA AERO	2911S	05940W	53	1012.9	1019.3	11.9	-2.1	12.8	-1.1	32	-2.4	160.122				
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70	1011.1	1019.5	11.9	-2.1	11.3	-1.8	5	64	-20.3	158.140			
87305 JACHAL	3015S	06845W	1165	885.1	1498Y	7.8	-0.9	6.2	0.0	0	0	-3.3	154.85			
87311 SAN JUAN AERO	3134S	06825W	598	948.5	1019.5	7.5	-0.4	5.8	-0.7	0	0	-3.0	220.113			
87320 CHAMICAL AERO	3022S	06617W	461	954.5	1018.8	11.0		8.0		0	0	2				
87322 CHEPES	3120S	06636W	658	940.7	1017.2	10.5	0.0	8.8	0.5	0	0	-10.2				
87328 VILLA DOLORES AERO	3157S	06508W	569	951.4	1017.8	11.1		8.0		0	0	1	175.100			
87344 CORDOBA AERO	3119S	06413W	474			9.8	-0.6	8.5	-0.8	0	0	-14.1	137.85			
87349 PILAR OBSERVATORIO	3140S	06353W	338	979.2	1019.3	10.0	-0.3	7.5	-1.7	1	1	-14.2	207.123			
87374 PARANA AERO	3147S	06029W	78	1010.3	1019.7	10.5	-1.1	9.2	-2.0	1	9	-25.2	187.136			
87395 CONCORDIA AERO	3118S	05801W	38	1015.7	1020.4	11.9	-0.9	10.5	-1.6	4	16	-76.1	144.00			
87418 MENDOZA AERO	3250S	06847W	704	936.5	1018.6	8.6	1.0	6.9	0.1	0	0	-6.2	137.110			
87436 SAN LUIS AERO	3316S	06621W	713	934.9	1017.6	10.2	0.9	6.5	-1.0	0	0	-13.2	204.115			
87448 VILLA REYNOLDS AERO	3344S	06523W	486	961.2	1018.5	11.9	3.6	6.9	-0.6	0	0	-19.2				
87453 RIO CUARTO AERO	3307S	06414W	421	968.1	1018.3	9.5	0.2	7.3	-1.2	0	0	-24.1	185.115			

S AMER-ARGENTINA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY 1 MM	TOTAL	DEPARTURE mm	QUINTILE	TOTAL			
<b>S AMERICA</b>																	
<b>ARGENTINA</b>																	
87467 MARCOS JUAREZ AERO	3242S	06209W	114	1005.6	1019.5	8.6	8.6			1	1	1	190	145			
87480 ROSARIO AERO	3255S	06047W	25	1015.4	1018.5	8.7	-1.7	9.0	-1.5	0	T	-45	1	194			
87497 GUALEGUAYCHU AERO	3300S	05837W	21	1016.1	1019.1	9.5	-1.4	9.5	-1.4	1	15	-40	1	136			
87506 MALARGUE AERO	3530S	06935W	1425	858.9	1510 Y	7.0		5.4		1	19		3	159			
87509 SAN RAFAEL AERO	3435S	06824W	748	930.8	1017.5	8.4	0.7	7.7	1.7	1	1	-15	1	145			
87532 GENERAL PICO AERO	3542S	06345W	145	1001.3	1018.9	8.1		7.0		0	0	0	0	95			
87534 LABOULAYE	3408S	06322W	137	1002.7	1019.5	8.1	-1.1	7.8	-1.2	0	0	-24	1	189			
87544 PEHUAJO AERO	3552S	06154W	86	1008.4	1018.9	7.9	-0.4	7.7	-1.8	1	1	-37	1	189			
87548 JUNIN AERO	3433S	06057W	81	1008.8	1018.8	8.5	-0.7	7.6	-2.1	0	0	-44	0	189			
87576 EZEIZA AERO	3449S	05832W	20	1016.5	1019.0	9.3	-0.6	9.2	-0.7	1	3	-57	1	139			
87582 AEROPARQUE	3434S	05825W	6	1018.3	1019.0	11.1		9.4		2	7	0	0	170			
87585 BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25	1016.3	1019.3	10.8	-0.2	9.7	-0.8	2	6	-66	0	182			
87623 SANTA ROSA AERO	3634S	06416W	191			7.9	0.2	6.4	-1.9	0	0	-25	1	167			
87642 AZUL AERO	3645S	05950W	132	1002.1	1018.2	7.0	-0.3	7.1	-1.9	0	0	-43	1	176			
87645 TANDIL AERO	3714S	05915W	175	996.5	1017.9	6.5		6.6		0	0	0	0	0			
87648 DOLORES AERO	3621S	05744W	9			8.0	-0.7	8.6	-1.1	1	3	-49	1	136			
87679 PIGUE AERO	3736S	06223W	304	980.7	1017.5	6.2	-0.6	6.5	-1.6	1	4	-15	1	120			
87688 TRES ARROYOS	3820S	06015W	115	1003.1	1017.2	5.9	-1.7	5.8	-2.4	0	T	-43	1	168			
87692 MAR DEL PLATA AERO	3756S	05735W	21	1014.0	1015.7	7.3	-1.2	9.0	-0.5	4	96	38	4	85			
87715 NEUQUEN AERO	3857S	06808W	271	984.3	1017.1	7.4	1.5	5.1	-1.3	1	2	-13	2	129			
87736 RIO COLORADO	3901S	06405W	79	1006.9	1016.5	9.0		7.1		0	T	1	1	163			
87750 BAHIA BLANCA AERO	3844S	06210W	83	1007.9	1018.1	7.9	0.0	6.7	-1.5	1	3	-32	0	146			
87765 BARILOCHE AERO	4109S	07110W	840	918.0	1461 Y	3.8	1.2	5.9	-0.5	14	-111	0	141	140			
87791 VIEDMA AERO	4051S	06301W	7	1012.0	1012.8	7.2	0.1	6.6	-1.0	2	-21	0	172				
87803 ESQUEL AERO	4258S	07109W	785	919.3	1010.9	4.3	2.5	5.6	0.3	7	91	13	4	143			
87828 TRELEW AERO	4312S	06516W	43	1005.9	1011.2	7.9	2.2	5.7	-0.9	3	4	-8	2	146			
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46	999.7	1005.5			5.7	-0.1	3	14	-7	3	120			
87880 GOBERNADOR GREGORES AERO	4847S	07010W	356	966.0	1009.1	4.5	3.8	5.2	0.6	2	-15	0	68	70			
87903 LAGO ARGENTINO AERO	5020S	07218W	220	974.0	1000.8	2.9	1.2	5.0	-0.4	2	27	5	4	121			
87909 SAN JULIAN AERO	4919S	06747W	62	994.7	1002.2	4.7	2.0	5.3	0.1	3	11	-12	3	116			
87912 SANTA CRUZ AERO	5001S	06834W	111	986.3	999.9	3.1	1.6	5.2		12	-5	3					
87925 RIO GALLEGOS AERO	5137S	06917W	19	995.5	997.9	2.9	1.8	6.1	0.7	3	17	2	4				
87934 RIO GRANDE B.A.	5348S	06745W	22	991.6	994.3	0.8	-0.6	5.5	-0.2	11	21	-4	3	107			
87938 USHUAIA B.A.	5448S	06819W	14	991.7	992.1	1.2	-0.7	5.2	-1.1	51	10	4					
<b>ANTARCTICA</b>																	
<b>ARGENTINA (ANTARCTIC)</b>																	
88963 ESPERANZA B.E.	6324S	05659W	13	981.5	982.9	-10.1	2.1							0			
88968 ISLAS ORCADAS D.N. (OBS.)	6045S	04443W	6	988.4	989.9	-4.5	4.1	4.1	-0.3					0			
89034 GENERAL BELGRANO II B.E.	7752S	03437W	0	960.1	993.9	-15.5								0			
89053 TENIENTE JUBANY E.C.	6214S	05838W	4	977.2	985.9	-4.5		4.2						0			
89055 CENTRO MET. ANTARTICO "VICEC."	6414S	05643W	198	959.5	984.8	-13.7	2.6							0			
<b>SOUTH AFRICA (ANTARCTIC)</b>																	
89001 S.A.N.A.E. STATION	7018S	00221W	62	30	989.2	996.6	-28.3	-5.2									
<b>UNITED KINGDOM (ANTARCTIC)</b>																	
89022 HALLEY	7530S	02639W	32	989.7	993.9	-22.6	4.1	0.8	-0.9	0		0		0			
89062 ROTHERA POINT	6734S	06808W	17	983.6	985.7	-6.0		3.3						0			
89063 FARADAY (ARGENTINE ISLAND)	6515S	06416W	9	982.0	983.4	-4.4		3.7		30		8					
<b>CHILE (ANTARCTIC)</b>																	
89056 CENTRO MET. ANTARTICO "PDTE."	6215S	05856W	10	30	983.7	984.8	-4.5	1.1	3.9		17	102	75				
89057 BASE ARTURO PRAT	6230S	05941W	5	30	985.6	985.9	-4.6		4.0	8	21						
89059 BASE BERNARDO O'HIGGINS	6319S	05754W	10	30	983.0	984.3	-7.9		2.7	6	48						
<b>JAPAN (ANTARCTIC)</b>																	
89532 SYOWA	6900S	03935E	21	30	990.3	993.0	-16.8	-0.9	1.1								
<b>AUSTRALIA (ANTARCTIC)</b>																	
89564 MAWSON	6736S	06253E	16		992.0	993.7	-17.0		0.6				1				
89571 DAVIS	6835S	07758E	13		989.8	991.5	-16.0	-0.5	1.0	-0.3	2	10	-25	4			
89611 CASEY	6616S	11032E	15		986.9	992.3	-19.3	-4.3	0.9	-0.8	2	18	-15	2			

ANTARCTICA-FRANCE

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE	
ANTARCTICA	0°	0°	3	mb	mb	0°C	0°C	mb	mb	mm	mm	hr	hr	%	
FRANCE (ANTARCTIC)															
89642 DUMONT D'URVILLE	6640S	14001E	43	987.8	993.6	-18.3	1.0								
SW PACIFIC															
MALAYSIA (PENIN. MALAYSIA)															
48601 PENANG/BAYAN LEPAS	0518N	10016E	4	30	1008.4	1008.8	28.0	0.8	30.9	3.3	6	79	-105	1	
48615 KOTA BHARU	0610N	10217E	5	30	1008.0	1008.6	28.0	0.7	30.4	2.0	9	120	-19	3	
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22	30	1006.6	1009.1	27.9	1.0	29.9	0.4	7	56	-76	1	
48657 KUANTAN	0337N	10313E	16	30	1007.2	1009.0	27.3	0.8	30.5	0.8	8	100	-64	2	
48665 MALACCA	0216N	10215E	9	30	1008.4	1009.4	27.2	0.5	30.7	0.6	12	119	-68	2	
SINGAPORE															
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16	30	1007.1	1008.9	28.3		30.9		6	113	2	106	
USA (PACIFIC OCEAN NORTH)															
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45	1013.5	1018.6	25.3	0.1	23.4	-0.4	4	12	-30	1	249	100
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5	1016.5	1017.6	26.7	1.0	20.4	-0.7	2	-13	1	344	115	
91217 GUAM, MARIANA IS.	1333N	14450E	111	997.4	1010.1	27.2	0.6	30.1	1.0	19	160	3	3	172	
91245 WAKE ISLAND AIRFIELD, WAKE I	1917N	16639E	4	1013.2	1013.5			28.0	0.6	0					
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11	1016.6	1017.9	23.9	0.1	23.4	0.8	24	255	99	5	155	97
91334 TRUK, CAROLINE IS.	0728N	15151E	2	1009.0	1009.3	27.8	0.3	30.6	0.2	23	285	-30	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46	1003.5	1008.7	27.5	0.5	30.6	0.4	26	384	-58	2	130	71
91366 KWAJALEIN/BUCH. MARSHALL IS.	0844N	16744E	8		1009.7	28.3	0.5	31.7	1.2	18	295	38	4		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3	1009.6	1009.9	27.6	0.4	31.7	4.2	19	185	-123	1	273	140
91408 KOROR, PALAU IS.	0720N	13429E	33	1008.8	1009.3	27.8	0.2	31.5	0.6	21	859	486	6		
91413 YAP, CAROLINE IS.	0929N	13805E	17	1006.3	1008.2	26.8	-0.7	31.4	0.7	21	608	319	6		
VANUATU															
91554 PEKO AIRPORT(ESPIRITU-SANTO)	1531S	16713E	56		1012.0	24.5	0.6	24.7		5	99	-99	2		
91557 BAUERFIELD (EFATE)	1742S	16818E	21	1010.3	1012.8	22.8		21.8		9	111			164	
91568 ANEITYUM	2014S	16946E	6		1013.9	22.2	0.3	20.5		9	110	-43	3	150	
NEW CALEDONIA															
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18	1010.6	1012.7	22.3	1.4	20.5	1.0	7	53	-12	3	187	93
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72	1005.7	1014.2	21.3	0.5	19.0	0.0	13	145	31	5	172	103
NEW ZEALAND (KIRIBATI)															
91610 TARAWA	0121N	17255E	4	1008.3	1008.7	28.2	0.1	31.1	1.7						
NEW ZEALAND (TUVALU)															
91643 FUNAFUTI	0831S	17913E	2	1009.0	1009.2	28.4	0.5	32.1	1.2	15	94	-130	1		
FIJI															
91680 NANDI	1745S	17727E	18	1009.8	1011.9	24.0	-0.1	23.2	0.5	4	141	68	5	228	110
91683 NAUSORI	1803S	17834E	7	1011.4	1012.3	23.6	0.3	24.8	0.4	11	233	124	5		
NEW CALEDONIA (DETACHED IS.)															
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27	1007.7	1010.8	27.5	0.5	30.2	0.7	10	68	-113	1	242	110
SAMOA															
91762 APIA	1348S	17147W	2	1010.8	1011.1	26.7	0.5	29.5	1.8	16	117	-34	2		
USA (SAMOA)															
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3	1010.5	1011.8	26.9	0.3	29.5	0.8	17	160	-48	3	125	
NEW ZEALAND (COOK ISLANDS)															
91843 RAROTONGA	2112S	15949W	7	1013.5	1014.3	24.0	1.5	24.0	2.8	10	61	-51	2	184	112
FRENCH POLY. (MARQUESAS)															
91925 ATUONA	0948S	13902W	52	1005.7	1011.7	25.8	0.4	28.3	2.8	15	206	33	4	199	105
FRENCH POLY. (SOCIETY IS)															
91930 BORA-BORA	1627S	15145W	3	1012.8	1013.1	26.0	0.3	27.0	1.8	8	37	-67	1	237	105
91938 TAHITI-FAAA	1733S	14937W	2	1013.4	1013.7	25.6	0.9	26.4	2.8	5	45	-17	3	228	105

SW PAC-FRENCH POLY.

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	3m DEPARTURE	QUINTILE	
<b>SW PACIFIC</b>															
FRENCH POLY. ITUAMOTU IS)	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	29	-78	0	242	110
91943 TAKAROA	1429S	14502W	3	1012.7	1013.0	26.9	0.2	27.0	0.6	6	29	-78	0	242	110
91944 HAO	1804S	14057W	3	1013.9	1014.3	25.5	0.0	27.6	1.0	8	42	-66	1	225	105
91945 HEREHERETUE	1952S	14500W	3	1014.1	1014.5	24.9	0.3	24.3	0.3	3	35	-50	2	214	105
91948 RIKITEA	2308S	13458W	89	1005.4	1015.7	21.6	-1.1	20.8	-0.9	12	75	-79	2	158	105
<b>FRENCH POLY. (AUSTRAL IS)</b>															
91954 TUBuai	2321S	14929W	3	1014.7	1015.0	22.7	1.1	22.0	1.7	13	81	-23	2	182	105
91958 RAPA	2737S	14420W	2	1014.0	1014.3	20.1	1.1	18.1	0.7	17	202	-1	4	128	115
<b>NEW ZEALAND</b>															
93012 KAITAIA	3508S	17316E	87	1004.6	1015.0	12.1		11.6		15	107	1	157	125	
93119 AUCKLAND AIRPORT	3701S	17448E	6	1013.9	1014.6	11.4	-0.4	11.3	-0.5	14	89	-43	2	110	95
93291 GIBSONE AERODROME	3840S	17759E	8	1012.2	1013.2	9.9	0.2	10.0	0.2	13	136	1	3	152	112
93308 NEW PLYMOUTH AERODROME	3901S	17411E	36	1009.6	1014.0	10.6	0.4	10.7	0.3	13	221	70	5	114	98
93614 HOKITIKA AERODROME	4243S	17059E	40	1008.3	1014.2	7.6	0.1	8.7	0.2	19	259	56	5	98	92
93780 CHRISTCHURCH AIRPORT	4293S	17233E	34	1008.4	1012.6	6.5	0.4	7.7	-0.1	7	35	-30	2	119	103
93844 INVERCARGILL AERODROME	4625S	16820E	1	1010.9	1011.1	6.1	0.6	7.9	0.0	12	47	-56	1	73	107
93944 CAMPBELL ISLAND	5233S	16909E	19	1004.1	1006.4	5.9	0.9	8.4	0.8	19	124	4	3	4	36
93986 CHATHAM ISLAND	4357S	17634W	48	1005.6	1011.5	9.7	1.1	10.5	1.1	15	115	18	4	64	96
<b>PAPUA NEW GUINEA</b>															
94014 MADANG M.O.	0513S	14548E	12	1008.7	1009.3	27.0	0.6	30.0	1.5	14	206	1	3		82
94035 PORT MORESBY M.O.	0926S	14713E	47	1003.8	1009.4	26.5	0.4	27.2	1.1	8	174	126	5		98
94044 MOMOTE M.O.	0204S	14726E	5	1008.5	1009.1	27.5	0.2	30.6	0.7	23	432	103	4		
94085 RABAUL M.O.	0413S	15211E	9	1007.8	1008.8	27.3	0.2	29.7	0.4	12	83	-35	3		
<b>AUSTRALIA</b>															
94120 DARWIN AIRPORT	1224S	13052E	30	1009.0	1012.4	25.3	0.1	16.4	-0.5	0	0	-2	5	275	93
94150 GOVE AIRPORT	1216S	13649E	54	1006.2	1012.4	24.2		23.4		10	47			218	
94175 THURSDAY ISLAND	1035S	14213E	61	1004.1	1011.0	26.0	0.4	27.1	2.1	13	122	102	6		
94203 BROOME AIRPORT	1757S	12213E	9	1012.7	1013.8	23.3	1.2	9.4	-2.6	0	0	-21	2		
94212 HALLS CREEK AIRPORT	1813S	12739E	424	967.1	1015.8	19.9	-0.6	7.4	-1.3	0	0	-6	3		
94238 TENNANT CREEK AIRPORT	1938S	13410E	376	973.9	1017.5	17.7	-0.8	8.2	0.8	0	0	-11	3	314	110
94287 CAIRNS AIRPORT	1653S	14545E	7	1013.9	1014.7	21.9	0.1	19.4	1.3	7	79	30	4	203	
94294 TOWNSVILLE AIRPORT	1915S	14645E	6	1015.7	1016.4	20.1	0.2	15.5	0.8	2	96	75	5	210	90
94299 WILLIS ISLAND	1618S	14959E	9	1011.6	1012.6	25.3	0.8	23.8	2.3	12	185	135	6		
94300 CARNARVON AIRPORT	2452S	11340E	7	1018.0	1018.8	16.9	-0.8	10.1	-2.4	2	35	-13	3		
94302 LEARMONT AIRPORT	2214S	11405E	6	1016.6	1017.2	18.8	0.0	11.9	-1.9	3	8	-21	3		
94312 PORT HEDLAND AIRPORT	2022S	11837E	11	1015.1	1015.8	21.1	0.4	7.7	-3.6	0	T	-22	1		
94326 ALICE SPRINGS AIRPORT	2348S	13354E	544	956.9	1020.9	11.5	-1.3	8.4	0.0	0	0	-15	2	251	97
94332 MT ISA AIRPORT	2039S	13929E	342	977.1	1016.7	17.4	0.3	10.4	1.6	0	0	-1	4	265	95
94346 LONGREACH AIRPORT	2326S	14416E	193	995.7	1018.5	15.1	-0.5	11.9	2.9	2	21	6	4		
94367 MACKAY	2107S	14913E	31	1013.4	1017.1	17.9	0.4	15.7	0.6	6	118	58	5		
94380 GLADSTONE	2351S	15116E	76	1009.3	1018.3	17.9	-0.5	13.7	0.7	2	23	-12	3		
94403 GERALDTON AIRPORT	2847S	11442E	34	1017.1	1021.2	14.1	-1.6	12.3	-2.3	7	60	-55	1		
94430 MEEKATHARRA AIRPORT	2636S	11831E	518	960.2	1020.5	13.3	-0.8	7.2	-2.1	2	5	-27	1		
94461 GILES	2502S	12818E	599	951.2	1020.3	12.9	-1.5	7.7	-0.5	1	1	-19	2	253	103
94510 CHARLEVILLE AIRPORT	2625S	14616E	304	984.7	1020.8	11.9	-0.6	10.4	1.1	3	11	-8	3		
94527 MOREE	2928S	14951E	212	995.6	1021.1	11.2	-0.7	10.2	0.8	5	42	15	4	209	
94578 BRISBANE AIRPORT	2726S	15305E	6	1018.9	1019.5	15.3	-0.9	23.7	11.8	7	80	6	4	211	105
94610 PERTH AIRPORT	3156S	11557E	12	1018.5	1022.0	12.0	-2.0	9.9	-1.8	10	76	-101	1	197	130
94637 KALGOORLIE AIRPORT	3046S	12127E	360	979.5	1022.3	10.3	-1.6	8.3	-1.2	4	8	-30	1		
94638 ESPERANCE	3349S	12153E	26	1018.5	1021.7	12.7	-0.5	9.8	-1.1	9	45	-42	1		
94646 FORREST AIRPORT	3050S	12806E	160	1003.1	1022.5	11.4	-0.8	9.1	-0.1	3	21	0	4		
94653 CEDUNA AIRPORT	3207S	13342E	17	1019.5	1021.6	11.9	-0.5	10.4	0.2	10	48	11	4	201	116
94659 WOOMERA AERODROME	3109S	13648E	167	1001.9	1022.0	11.9	-0.4	9.8	0.4	6	7	-9	3	195	93
94672ADELAIDE AIRPORT	3456S	13831E	4	1020.7	1021.2	12.0	0.0	10.4	-0.3	12	70	17	4	152	120
94693 MILDURA AIRPORT	3414S	14205E	53	1015.1	1021.3	10.3	-0.3	9.4	0.1	6	27	3	4	178	118
94711 COBAR	3129S	14549E	265	990.0	1021.9	10.3	-0.9	9.7	0.3	4	49	23	5		
94767 SYDNEY AIRPORT	3357S	15111E	3	1020.1	1020.6	12.9	-0.1	9.9	-0.9	10	37	-106	1	207	130
94776 WILLIAMTOWN AERODROME	3247S	15149E	11	1019.9	1020.9	12.7	0.1	10.5	-0.7	10	87	-42	2	193	115
94791 COFFS HARBOUR AIRPORT	3019S	15307E	5	1019.3	1020.0	13.9	-0.2	11.4	-0.3	9	107	-18	3	202	105
94802 ALBANY AIRPORT	3457S	11748E	69	1012.4	1020.7	11.5	-1.1	10.9	-0.5	17	110	3	4		
94821 MT GAMBIER AIRPORT	3744S	14047E	69	1010.7	1019.1	10.2	0.5	10.2	0.2	17	110	30	5	107	80
94865 LAVERTON AERODROME	3751S	14444E	14	1016.9	1019.5	10.3	0.3	9.2	-0.6	7	32	-7	3	127	135

SW PAC-AUSTRALIA

## SURFACE

JUNE 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN % b	DEPARTURE % b	DAYS 1 MM	TOTAL mm	DEPARTURE % b	QUINTILE
<b>SW PACIFIC</b>														
AUSTRALIA	0°	0°	3											
94907 EAST SALE AERODROME	3806S	14708E	8	1018.5	1019.5	9.3	0.2	8.8	-0.6	4	12	-40	1	135
94910 WAGGA AIRPORT	3509S	14727E	213	996.0	1021.8	8.4	-0.1	8.8	0.1	6	24	-22	1	115
94926 CANBERRA AIRPORT	3518S	14911E	577	953.2	1022.2	6.3	-0.2	7.4	-0.1	2	18	-21	2	147
94975 HOBART AIRPORT	4250S	14730E	3	1010.9	1014.2	9.1	0.5	8.1	-0.6	4	26	-11	2	139
AUSTRALIA ADDITIONAL IS.														
94995 LORD HOWE ISLAND	3131S	15905E	46	1017.5	1018.2	17.3	0.4	13.6	-0.7	18	116	-44	2	164
94996 NORFOLK ISLAND AIRPORT	2902S	16756E	109	1003.8	1016.7	16.5	-0.6	13.9	-0.8	18	167	2	4	110
94998 MACQUARIE ISLAND	5429S	15856E	6	998.9	999.6	3.9	0.6	7.5	0.2	21	115	43	5	83
INDONESIA (SUMATRA)														
96035 MEDAN/POLOMIA	0334N	09841E	25	1005.4	1008.6	27.6	0.9	29.1		12	76	-71	1	
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10	1008.6	1010.1	27.4	0.7	30.7		8	273	171	6	
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10745E	44	1003.1	1009.0	26.7		30.6		16	550	342		
MALAYSIA (SABAH & SARAWAK)														
96413 KUCHING	0129N	11020E	27	1007.0	1009.6	27.0	0.4	29.1	-0.7	10	105	-98	0	
96441 BINTULU	0312N	11302E	5	1008.7	1009.3	27.5	1.0	31.4	1.3	10	145	-141	1	
96471 KOTA KINABALU	0556N	11603E	3	1008.3	1008.6	27.5	0.6	29.4	1.0	18	519	191	5	
96481 TAWAU	0416N	11753E	20	1006.7	1009.0	27.4	0.5	30.6	0.6	14	292	122	6	
INDONESIA (KALIMANTANI)														
96581 PONTIANAK/SUPADIO	0009S	10924E	3	1008.4	1009.3	27.3	0.4	30.0		9	203	-53	2	
INDONESIA (JAWA)														
96747 JAKARTA HALIM PERDANAKUSUMA	0615S	10654E	30	1006.5	1009.8	26.9	0.3	28.4		14	106	19	4	
96749 JAKARTA/SOEKARNOHATTA	0607S	10639E	8	1008.5	1009.9	26.9		28.8		8	57			
96797 TEGAL	0651S	10909E	10	1010.7	1011.4	27.2	0.0	28.9		9	47	-53	4	
ISLANDS														
96996 COCOS ISLAND AIRPORT	1211S	09649E	3	1011.3	1011.6	26.3	0.1	26.7	0.2	12	194	6	4	
INDONESIA (SULAWESI)														
97014 MENADO/DR. SAM RATULANGI	0132N	12455E	80	999.9	1009.4	26.6	0.6	27.6		14	350	147	5	
97146 KENDARI/WOLTERMONGINSISI	0406S	12226E	50	1003.6	1009.6	26.2	0.0	28.9		9	33	-211		
PHILIPPINES														
98135 BASCO	2027N	12158E	11	1005.6	1006.8	29.3	1.0	35.6	3.5	20	290	4	4	
98223 LAOAG	1811N	12032E	5	1005.3	1005.9	28.5		33.6		14	565	5	166	40
98233 TUGUEGARAO	1737N	12144E	24	1005.7	1012.7	28.9		28.0		22	417	5		
98325 DAGUPAN	1603N	12020E	2	1006.1	1006.3	28.2	-0.5	29.8	-1.2	22	103	-243	0	
98328 BAGUIO	1625N	12036E	1501	849.1	1005.5	19.8		20.6		22	1029	576	5	
98429 MANILA INTL AIRPORT	1431N	12100E	15	1004.9	1007.3	27.9	-0.6	23.9	-6.0	21	361	108	4	
98444 LEGASPI	1308N	12344E	17	1002.3	1004.7	26.0	-2.1	31.6	1.1	19	385	168	5	
98550 TACLOBAN	1115N	12500E	21	1006.7	1007.0	27.8	-0.2	31.7	1.0	13	191	40	4	
98637 ILOILO	1042N	12234E	8	1006.8	1007.7	28.5	0.7	31.7	0.4	16	602	340	5	
98644 TAGBILARAN	0936N	12351E	6	1006.8	1007.5	28.4		34.0		13	100		2	
98646 MACTAN	1018N	12358E	9	1005.6	1008.4	28.1		31.7		12	137			
98653 SURIGAO	0948N	12530E		1002.0	1008.3	27.5	-0.3	31.6	0.4	16	197	65	5	
98836 ZAMBOANGA	0654N	12204E	6	1007.4	1008.1	27.8	0.6	28.2	-1.5	15	219	74	5	155
														140

EUROPE-GREECE

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE TOTAL hr	% OF AV.	
SEP 1989	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%	
EUROPE																
GREECE																
16754 HERAKLION	3520N	02511E	39	30	1009.4	1014.1	23.9	0.4	18.6	0.9	0	0	-18	0	79	
NOV 1989																
EUROPE																
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4	30	1018.0	1018.7	10.6	-0.8	9.3	-0.7	4	33	-18	2		
16641 KERKYRA	3937N	01955E	4	30	1015.6	1016.2	13.4	-1.0	12.1	-0.2	7	154	-40	3	47	
16648 LARISSA	3938N	02225E	74	30	1008.4	1017.4	10.2	-1.1	9.2	-0.7	7	43	-11	3	41	
16714 ATHINAI/OBSERVATORY	3758N	02343E	107	30	1004.9	1017.8	14.0	-0.8	10.9	-0.8	3	12	-40	1		
16716 ATHENS(HELLENIKON)	3754N	02344E	15	30	1015.6	1017.6	14.6	-1.3	11.3	-0.1	4	12	-44	1		
16726 KALAMATA	3704N	02201E	8	30	1015.5	1016.5	13.6	-1.8	12.1	-0.1	8	50	-88	1		
16746 SOUDA	3529N	02407E	151	30	999.0	1017.3	15.2	-1.6	12.6	-0.2	0	165	105	5		
16754 HERAKLION	3520N	02511E	39	30	1012.1	1016.8	15.9	-1.0	12.4	-0.2	9	135	89	5	44	
APR 1990																
AFRICA																
NIGER																
61099 GAYA	1153N	00327E	203		986.9	1009.4	30.5	-1.0	25.4	7.2	7	70	60	6	301	115
MAURITANIA																
61415 NOUADHIBOU	2056N	01702W	3		1014.0	1014.5	21.6	1.5	19.5	3.6	0	T	-1	5	142	
61497 NEMA	1636N	00716W	269				35.6	3.9	22.3	14.5	2	36	33	6		
61499 AIOUN EL ATROUSS	1642N	00936W	223		983.8	1008.1	36.4	5.3	13.3	5.3	2	8	5	5	204	
SENEGAL																
61698 KOLDA	1253N	01458W	10				30.8	0.1	23.4	5.1	6	109	108	6	261	
MAY 1990																
AFRICA																
BURKINA FASO																
65522 GAOUA	1020N	00311W	335		974.3	1011.6	27.2	-1.4	10.2	-15.9		54	-65	1		
SW PACIFIC																
PAPUA NEW GUINEA																
94014 MADANG M.O.	0513S	14548E	12		1008.1	1017.4	27.5	0.8	30.7	2.3	22	322	-49	3	107	
94035 PORT MORESBY M.O.	0926S	14713E	47		1002.3	1007.6	27.9	1.1	29.7	1.8	6	31	-34	2	81	
94044 MOMOTE M.O.	0204S	14726E	5		1008.0	1008.6	27.9	0.3	31.5	0.6	18	199	-42	3		
94085 RABAUL M.O.	0413S	15211E	9		1007.5	1008.5	27.3	0.0	30.2	-0.1	12	311	193	6		
AUSTRALIA(ADDITIONAL IS.)																
94996 NORFOLK ISLAND AIRPORT	2902S	16756E	109		1006.1	1018.9	19.2	0.8	16.8	1.1	9	118	-12	3	108	
94998 MACQUARIE ISLAND	5429S	15856E	6		989.5	990.2	3.2	-0.9	6.5	-1.5	23	116	40	6	59	
ISLANDS																
96996 COCOS ISLAND AIRPORT	1211S	09649E	3		1010.2	1010.5	27.1	0.2	28.6	1.0	14	120	-66	2		

EUROPE-U KINGDOM

## SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE	VAPOR PRESSURE	PRECIPITATION	SUN- SHINE		
				MEAN STATION	MEAN SEA LEVEL						
MAR 1990	0°	0°	3	DEPARTURE	MEAN	0°C	MEAN	DEPARTURE	MEAN	TOTAL	% OF AV.
EUROPE				mb	mb			mb	mm		
UNITED KINGDOM											
03026 STORNOWAY	5813N	00619W	13 31							63	58
03091 ABERDEEN/DYCE	5712N	00213W	65 30							145	135
03302 VALLEY	5315N	00432W	11 31	1022.4	1023.8						
03334 MANCHESTER AIRPORT	5321N	00216W	78 31							108	109
03776 LONDON/GATWICK AIRPORT	5109N	00011W	62 31							153	

EUROPE-NORWAY

## UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
<b>EUROPE - NORWAY</b>																													
<b>JAN MAYEN</b>																													
01001 7056N 00840W OB 1								01028 7431N 01901E OB 3								01152 6715N 01424E OB 3								<b>EUROPE - NORWAY</b>					
030	24408	2	-42.9	35.9	3	94	88	5	030	24423	3	-42.3	33.8	4	92	81	3	030	24399	0	-43.9		1	87	97	6			
050	20987	1	-45.4	35.1	1	63	100	2	050	20992	3	-45.1	33.1	3	56	66	1	050	20990	0	-46.2		1	75	94	4			
100	16383	1	-46.8	34.5	1	24	186	1	100	16378	2	-46.2	37.7	2	72	307	3	100	16400	0	-47.4		1	10	230	1			
150	13693	1	-46.1	33.5	9	29	204		150	13684	1	-45.6	34.1	2	78	301	5	150	13717	0	-46.6		1	14	165	1			
200	11786	0	-48.1	26.6	1	24	199	2	200	11771	1	-47.1	28.8	1	67	304	6	200	11808	0	-47.8		1	22	247	3			
300	9131	0	-45.9	10.3	0	14	263	2	300	9112	1	-46.5	9.8	1	32	274	5	300	9141	0	-45.3		1	18	251	4			
500	5546	0	-20.6	12.7	0	13	214	2	500	5538	1	-21.1	12.9	1	36	285	3	500	5554	0	-20.7	9.0	1	22	207	3			
700	2982	0	-5.9	9.8	0	8	172	1	700	2980	1	-6.7	9.3	1	47	286	3	700	2984	0	-5.0	9.3	0	27	200	2			
850	1438	0	2.0	7.8	0	6	101	1	850	1442	1	0.4	8.4	1	48	308	3	850	1435	0	2.7	6.8	0	41	165	3			
1014	*	9	3.0	0.6				1014	*	18		2.0	0.4					1011	*	8	11.8	2.4							
<b>EUROPE - NORWAY</b>								<b>EUROPE - NORWAY</b>								<b>EUROPE - NORWAY</b>								<b>EUROPE - NORWAY</b>					
<b>ORLAND</b>								<b>OSLO/GARDERMOEN</b>								<b>STAVANGER/SOLA</b>								<b>EUROPE - NORWAY</b>					
01241 6342N 00936E OB 3								01384 6012N 01106E OB 3								01415 5852N 00540E OB 3								<b>EUROPE - NORWAY</b>					
030	24310	0	-45.8	33.7	0	84	80	5	030	24272	1	-46.9	32.5	1	94	94	6	030	24251	0	-47.2	33.0	0	93	92	5			
050	20936	0	-47.8	32.7	0	72	93	3	050	20916	0	-48.6	31.9	0	78	115	2	050	20891	0	-49.1	32.4	0	76	114	3			
100	16378	0	-49.0	32.3	0	11	167	1	100	16375	0	-49.7	31.7	0	26	220	2	100	16359	0	-49.9	31.9	0	37	219	2			
150	13710	0	-47.6	31.9	0	25	246	2	150	13717	0	-48.5	31.5	0	41	243	4	150	13701	0	-48.6	31.1	0	47	227	5			
200	11813	0	-49.4	21.5	0	27	238	4	200	11827	0	-50.4	22.8	0	39	245	7	200	11811	0	-49.7	24.8	0	42	231	6			
300	9167	0	-45.9	10.4	0	31	232	7	300	9191	0	-45.3	9.2	0	37	230	9	300	9166	0	-45.8	11.2	0	47	220	11			
500	5575	0	-20.0	11.8	0	29	213	4	500	5584	0	-18.8	9.9	0	45	225	7	500	5569	0	-19.2	9.9	0	47	217	7			
700	3002	0	-4.5	8.7	0	34	216	3	700	3001	0	-3.9	7.0	0	33	198	3	700	2987	0	-3.8	10.4	0	51	199	5			
850	1446	0	4.6	6.4	0	37	200	3	850	1442	0	5.7	5.0	0	41	170	3	850	1428	0	5.2	7.4	0	59	172	5			
1010	*	10	13.2	3.4				987	*	201		13.7	5.6					1006	*	33	13.1	3.2							
<b>EUROPE - FINLAND</b>								<b>JYVASKYLA</b>								<b>JOKIOINEN</b>								<b>EUROPE - FINLAND</b>					
<b>SODANKYLA</b>								02836 6722N 02639E OB 8								02935 6224N 02541E OB 8								<b>EUROPE - FINLAND</b>					
030	24355	0	-44.5		0	95	99	6	030	24299	5	-46.4		0	58	110	2	030	24294	0	-46.7		0	94	97	5			
050	20954	0	-46.7		0	79	101	3	050	20927	0	-48.1		0	29	241	1	050	20924	0	-48.5		0	62	113	2			
100	16374	0	-47.8		0	9	225	1	100	16373	0	-49.0		0	33	225	2	100	16379	0	-49.4		0	28	230	1			
150	13692	0	-46.9		0	28	294	2	150	13705	0	-47.9		0	44	280	3	150	13743	0	-48.5		0	51	282	3			
200	11789	0	-48.5		0	30	297	3	200	11810	0	-50.1		0	46	302	4	200	11828	0	-51.0		0	51	295	5			
300	9136	0	-46.7	9.3	0	15	329	3	300	9155	0	-45.2	11.1	0	47	308	7	300	9183	0	-45.2	10.3	0	53	306	9			
500	5558	0	-20.5	10.8	0	19	334	2	500	5569	0	-19.8	11.1	0	41	317	4	500	5584	0	-19.2	11.3	0	40	305	5			
700	2989	0	-5.2	9.8	0	13	5	1	700	2994	0	-4.3	12.5	0	29	335	2	700	3001	0	-3.6	12.8	0	35	317	3			
850	1442	0	2.4	6.9	0	19	47	1	850	1441	0	4.1	6.4	0	14	347	1	850	1443	0	5.0	6.3	0	23	310	2			
992	*	179	0	9.8	6.4			994	*	145		12.3	7.0					999	*	103	0	13.9	7.4						
<b>EUROPE - UNITED KINGDOM</b>								<b>STORNOWAY</b>								<b>AUGHTON</b>								<b>EUROPE - UNITED KINGDOM</b>					
03005 6008N 00111W OB 3								03026 5813N 00619W OB 3								03322 5333N 00255W OB 3								<b>EUROPE - UNITED KINGDOM</b>					
030	24296	1	-46.5		0	92	99	5	030	24273	0	-46.9		0	91	96	5	030	24252	0	-48.0		0	91	90	5			
050	20916	0	-48.4		0	72	102	3	050	20910	0	-48.8		0	50	117	2	050	20902	0	-50.6		0	52	124	2			
100	16366	0	-48.9		0	29	202	2	100	16368	0	-49.4		0	33	225	2	100	16395	0	-51.0		0	63	252	5			
150	13695	0	-47.4		0	47	219	4	150	13697	0	-47.2		0	56	238	5	150	13743	0	-48.9		0	68	257	9			

EUROPE-SWITZ. LIECH.

## UPPER AIR

JUNE 1990

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
<b>EUROPE - SWITZERLAND LIECHENSTEIN</b>																										
<b>PAYERNE</b>																										
06610 44649N 00657E OB 3									08495 3609N 00520W OB 3									10035 5432N 00933E OB 3								
030	24221	1	-49.2		8	85	99	5	030	24115	2	-52.2		0	92	90	8	030	24232	0	-49.3		0	90	95	5
050	20901	1	-52.6		6	52	120	2	050	20853	1	-58.0		0	68	96	3	050	20898	0	-51.0		0	72	127	2
100	16461	0	-54.7		3	87	263	8	100	16563	0	-62.6		0	93	246	13	100	16404	0	-51.8		0	63	246	4
150	13860	0	-52.8		2	92	265	15	150	14041	0	-58.8		0	91	247	20	150	13767	0	-50.2		0	65	251	7
200	12002	0	-52.6	11.2	2	90	266	18	200	12228	0	-55.5		0	88	245	24	200	11893	0	-52.3	5.9	0	59	252	10
300	9349	0	-42.5	11.1	1	78	266		300	9559	0	-39.0	16.6	0	85	241	19	300	9253	0	-44.5	5.4	0	47	232	9
500	5700	0	-15.7	12.3	1	82	263	11	500	5844	0	-10.6	21.7	0	86	235	15	500	5629	0	-17.2	8.1	0	47	230	6
700	3084	0	-0.4	8.0	1	86	243	7	700	3163	0	8.1	24.9	0	82	234	9	700	3025	0	-1.9	6.3	0	53	234	7
850	1504	0	9.3	5.5	0	68	237	5	850	1536	0	16.1	19.1	0	23	230	2	850	1456	0	5.8	2.9	0	59	245	4
950	* 491	0	15.4	4.4					1016	* 4	0	22.0	6.3					1007	* 50	0	14.7	3.6				
<b>EUROPE - GERMANY, FEDERAL REPUBLIC</b>									<b>EUROPE - GIBRALTAR</b>									<b>EUROPE - GERMANY, FEDERAL REPUBLIC</b>								
<b>HANNOVER</b>									<b>GIBRALTAR</b>									<b>SCHLESWIG</b>								
10338 5228N 00942E OB 3									10384 5229N 01325E OB 2									10410 5124N 00658E OB 3								
030	24193	0	-49.2		0	89	95	4	030	24232	0	-48.8		0	95	101	5	030	24193	1	-49.3		0	93	95	5
050	20866	0	-51.6		0	70	126	2	050	20899	0	-51.3		0	71	124	3	050	20866	0	-51.8		0	54	139	2
100	16385	0	-52.7	14.2	0	76	256	5	100	16408	0	-52.2		0	69	259	4	100	16396	0	-53.2	14.9	0	76	261	6
150	13760	0	-50.9	13.9	0	78	254	9	150	13778	0	-50.1		0	75	262	8	150	13771	0	-51.3	14.2	0	81	261	10
200	11892	0	-53.0	11.7	0	67	245	11	200	11913	0	-53.3	19.8	0	60	263	9	200	11904	0	-52.4	12.2	0	70	260	12
300	9252	0	-44.3	9.7	0	55	238	12	300	9276	0	-43.9	10.3	0	42	255	9	300	9259	0	-43.9	10.4	0	60	257	13
500	5628	0	-17.5	10.3	0	62	237	8	500	5644	0	-16.9	11.6	0	48	252	6	500	5634	0	-18.0	11.5	0	67	252	9
700	3029	0	-2.4	10.1	0	74	242	7	700	3042	0	-1.7	7.5	0	59	258	5	700	3038	0	-2.4	9.4	0	75	252	7
850	1464	0	6.2	4.2	0	78	246	6	850	1471	0	6.5	3.2	0	65	261	5	850	1473	0	6.2	4.4	0	81	248	6
1000	* 55	0	16.2	5.4					963	* 46	0	18.4	6.5					994	* 153	0	15.4	4.9				
<b>EUROPE - GERMANY, FEDERAL REPUBLIC</b>									<b>MUENCHEN-OBERSCHLEISSHEIM</b>									<b>EUROPE - AUSTRIA</b>								
<b>STUTTGART/SCHNARRENBURG</b>									10868 4815N 01133E OB 3									<b>WIEN/HOHE WARTE</b>								
10739 4850N 00912E OB 3																		11035 4815N 01622E OB 3								
030	24188	0	-49.9		3	95	97	6	030	24196	0	-49.9		0	95	101	6	030	24225	9	-49.9		9	96	101	11
050	20874	0	-53.0		3	54	125	2	050	20885	0	-53.2		0	61	120	2	050	20905	4	-52.5		4	49	109	3
100	16421	0	-54.4	27.4	3	80	271	7	100	16437	0	-54.2	27.1	0	85	263	8	100	16449	0	-54.4		0	79	275	13
150	13814	0	-52.5	24.4	3	88	271	13	150	13827	0	-52.4	24.0	0	91	266	13	150	13841	0	-52.6		0	85	279	24
200	11956	0	-53.2	16.3	3	82	272	16	200	11970	0	-53.5	16.1	0	83	264	15	200	11988	0	-54.5		0	77	283	28
300	9313	0	-43.2	10.9	3	62	266	13	300	9326	0	-43.3	10.1	0	64	258	12	300	9348	0	-42.6		0	66	283	23
500	5672	0	-18.7	9.3	3	72	261	10	500	5684	0	-16.5	9.2	0	66	255	8	500	5693	0	-15.3	11.1	0	65	277	14
700	3066	0	-1.7	6.9	3	86	256	8	700	3073	0	-0.9	6.5	0	78	259	7	700	3073	0	0.0	7.1	0	71	288	11
850	1494	0	7.8	5.1	3	79	264	5	850	1495	0	8.6	5.0	0	81	269	5	850	1491	0	9.2	5.6	0	50	301	6
978	* 315	0	15.6	5.9					933	* 706	0	13.6	5.0					991	* 200	18.2	6.2					
<b>EUROPE - CZECHOSLOVAKIA</b>									<b>POPRAD/GANOVCE</b>									<b>EUROPE - POLAND</b>								
<b>PRAHA-LIBUS</b>									11952 4902N 02019E OB 3									<b>LEBA</b>								
11520 5000N 01427E OB 3																		12120 5445N 01732E OB 3								
030	24203	5	-49.8		5	96	79	6	030	24215	0	-51.4		0	92	98	5	030	20915	0	-53.4		0	50	120	1
050	20884	1	-52.5		1	54	58	2	050	20915	0	-53.4		0	41	120	1	050	20915	0	-52.5		0	49	109	3
100	16418	0	-53.5		0	79																				

EUROPE-HUNGARY

## UPPER AIR

JUNE 1990

ASIA - KUWAIT

## UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION				
mb	gpm	o	°C	°C	%	o	mps	mb	gpm	o	°C	°C	%	o	mps	mb	gpm	o	°C	°C	%	o	mps				
ASIA - KUWAIT KUWAIT INTL AIRPORT 40582 2913N 04759E 0B 3																											
030	24069	1	-53.0		2	99	89	11	030							030	24019	27	-53.8		28	98	99	14			
050	20850	0	-63.3		0	99	97	10	050							050	20813	23	-64.1		19	98	89	15			
100	16768	0	-74.9		0	65	191	6	100	16905	28	-68.1	11.0	24	78	268	14	100	16828	5	-77.4		3	35	105	11	
150	14347	0	-61.9		0	76	242	10	150	14390	28	-54.3	12.3	28	91	272	19	150	14363	1	-57.9		1	40	104	4	
200	12513	0	-48.7		0	89	259	12	200	12497	28	-43.2	14.0	28	89	279	23	200	12526	0	-47.6		0	19	36	1	
300	9733	0	-29.2		0	84	269	11	300	9660	28	-27.5	15.3	28	82	289	18	300	9731	0	-27.5	32.6	0	55	2	5	
500	5894	0	-3.9	4.5	0	57	283	4	500	5825	28	-6.1	10.6	28	88	322	7	500	5872	0	-4.7	22.7	0	60	69	5	
700	3160	0	14.7	15.5	0	65	303	6	700	3095	28	1.3	15.7	28	75	352	3	700	3137	0	15.5	24.3	0	29	140	2	
850	1485	0	28.1	6.3	0	95	322	10	850	* 1791	28	15.5	10.9					850	1453	*	27	29.9	31.3	0	39	260	2
996	* 55	0	37.4	5.3															*	27	0	33.4	11.8				
ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 2335N 05817E 0B 3																											
030	24033	6	-53.6	32.4	6	95	86	26	030							030											
050	20816	6	-63.0	24.2	6	97	92	25	050	20770	10	-61.1				050											
100	16766	6	-77.8	17.5	6	85	100	21	100	16679	9	-78.7				100											
150	14360	6	-62.0	21.7	6	33	120	6	150	14317	7	-51.2				150											
200	12524	6	-47.9	25.9	6	14	255	2	200	12499	6	-50.1				200	12478	5	-43.5		9	89	275	19			
300	9724	6	-16.7	36.7	6	35	330	6	300	9728	5	-28.1	13.9			300	9660	4	-27.5		9	89	272	14			
500	5872	6	-6.3	24.6	6	70	38	10	500	5860	4	-4.7	17.7			500	5824	4	-4.9	9.4	9	44	238	3			
700	3146	6	14.9	22.5	6	43	360	4	700	3135	4	14.2	19.5			700	3089	4	14.6	10.6	9	23	273	1			
850	1464	6	29.3	30.1	6	60	303	6	850	1454	4	26.7	21.3			850	* 1587		22.8	8.4							
998	* 15		35.8	15.8					1000	* 22		29.3	3.2														
ASIA - INDIA NEW DELHI/SAFdarJung 42182 2835N 07712E 0B 3																											
030	24496	11	-46.6			7	74	85	9	030							030										
050	21168	5	-56.7			1	18	65	2	050							050										
100	16939	0	-70.5			1	18	65	2	100							100										
150	14468	0	-58.2		1	55	240	6	150							150	14519	14	-59.6								
200	12601	0	-44.5		1	76	243	10	200	12593	10	-44.9				200	12633	7	-44.9								
300	9750	0	-23.6		0	83	248	11	300	9746	2	-24.6		4	8	223	1.	300	9786	4	-23.3						
500	5887	0	-1.6	11.5	0	59	256	4	500	5850	1	-3.8	12.5	1	20	357	1	500	5858	3	-0.6	6.7	9	44	268	2	
700	3101	0	14.3	7.3	0	42	314	6	700	3111	0	14.3	11.4	0	37	303	2	700	3091	3	14.7	6.2	2	66	310	5	
850	1421	0	25.8	11.0	0	78	307	5	850	1432	0	25.3	10.7	0	89	241	6	850	1414	2	25.4	7.8	2	41	338	3	
996	* 216		33.9						974	* 224		34.0	13.0					982	* 128		32.3	10.1					
ASIA - INDIA GAUHATI 42410 2606N 09135E 0B 3																											
030	24281	12	-47.0			7	99	81	12	030							030										
050	21063	5	-55.8			1	78	50	8	050							050										
100	16891	1	-72.3			3	78	50	8	100							100										
150	14458	0	-60.8		2	48	314	4	150							150	14424	4	-62.3		6	81	74	10			
200	12597	0	-45.9		2	49	294	4	200							200	12586	1	-46.9		3	73	85	8			
300	9762	0	-24.0	7.0	2	57	279	3	300							300	9754	1	-24.9	7.4	3	58	96	5			
500	5841	0	-0.5	7.5	1	46	259	3	500							500	5847	1	-1.7	6.1	1	10	107	1			
700	3082	0	12.8	3.9	0	59	249	4	700							700	3089	1	13.3	5.6	0	10	255	1			
850	1423	0	21.2	3.3	0	60	233		850							850	1419	1	22.5	4.4	0	48	196	4			
994	* 54		28.0	2.5					994	* 55		33.4	10.5				997	* 6		29.0	2.2						
ASIA - INDIA NAGPUR SONEGAON 42867 2106N 07903E 0B 3																											
030										030							030										
050										050							050										
100	16901	10	-73.3		9	99	92	22	100	16777	5	-75.7		5	91	91	20	100									
150	14457	6	-61.1		7	93	89	15	150	14383	2	-61.9		2	97	85	17	150	14408	11	-62.1		9	86	103	21	
200	12627	2	-45.7		3	88	84	10	200	12555	1	-47.6		2	90	93	11	200	12604	5	-46.1		8	86	103	16	
300	9804	0	-23.5	9.8	0	75	93	4	300	9743	0	-25.4		0	57	94	4	300	9768	1	-24.0	8.5	5	52	103	3	
500	5860	0	-2.6	7.1	0	29	12	1	500	5831	0	-1.2	6.3	0	17	238	1	500	5844	0	-1.0	9.3	3	58	258	3	
700	3101	0	13.6	3.9	0	53	350	4	700	3079	0	13.0	5.4	0	37	283	3	700	3101	0	12.8	5.7	0	57	276	3	
850	1437	0	23.1	12.4	0	62	325	6	850	1415	0	21.5	3.3	0	75	282	6	850	1450	0	20.8	3.6	0	95	261	7	
995	* 310		28.1	5.4					993	* 46		28.5	3.1					1002	* 14		29.0	4.0					
ASIA - INDIA BHUBANESWAR 42971 2015N 08550E 0B 3																											
030										030							030										
050										050							050										
100	16901	10	-73.3		9	99	92	22	100	16777	5	-75.7		5	91	91	20	100									
150	14457	6	-61.1		7	93	89	15	150	14383	2	-61.9		2	97	85	17	150	14408	11	-62.1		9	86	103	16	
200	12627	2	-45.7		3	88	84	10	200	12555	1	-47.6		2	90	93	11	200	12604	5	-46.1		8	86	103	16	
300	9804	0	-23.5	9.8	0	75	93	4	300	9743	0	-25.4		0	57	94	4	300	9768	1	-24.0	8.5	5	52	103	3	
500	5860	0	-2.6	7.1	0	29	12	1	500																		

ASIA-INDIA

## UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
ASIA - INDIA HYDERABAD AIRPORT 43128 1727N 07828E OB 3																											
030									030									030									
050									050									050									
100									100	16810	10	-76.5		9	94	85	25	100									
150									150	14399	3	-62.3		3	91	84	19	150									
200									200	12560	0	-46.9		0	95	91	14	200	12551	8	-47.4		9	79	98	17	
300									300	9740	0	-24.8	9.6	0	85	100	6	300	9737	6	-25.8	10.6	6	76	90	5	
500									500	5830	0	-2.0	6.1	0	56	266	3	500	5842	6	-2.5	10.5	6	56	256	4	
700	3121	7	12.3	3.1	7	85	290	7	700	3075	0	12.3	4.6	0	74	282	6	700	3104	5	10.8	7.5	5	25	274	10	
850	1473	7	21.5	3.6	7	95	286	11	850	1415	0	21.9	4.6	0	89	276	8	850	1463	5	18.6	3.7	5	96	273	11	
946	* 545		26.7	5.4					993	* 66		29.3	4.3					999	* 60		26.8	2.0					
ASIA - INDIA MADRAS/MINAMBAKKAM 43279 1300N 08011E OB 3																											
030									030	24401	13	-46.9	9.9		7	97	102	14	030								
050									050	21052	5	-56.4		2	98	98	34	050									
100									100	16870	1	-74.9		2	98	96	30	100									
150	14441	3	-61.7		3	99	83	29	150	14415	1	-61.6		2	98	96	30	150									
200	12594	3	-46.7		3	95	89	20	200	12608	1	-46.9		2	95	95	18	200	12584	13	-46.9		5	80	79	8	
300	9772	3	-25.4	12.8	3	52	90	5	300	9781	0	-25.9	9.0	1	72	92	5	300	9767	5	-26.6		1	69	245	5	
500	5869	3	-1.9	11.0	3	82	275	10	500	5884	0	-1.8	8.9	0	69	281	5	500	5874	1	-2.7	11.6	1	69	253	8	
700	3118	3	11.9	3.4	3	97	275	10	700	3133	0	11.6	7.1	0	96	290	10	700	3136	1	11.8	8.8	1	89			
850	1460	3	22.2	5.9	3	92	279	10	850	1482	0	19.7	2.1	0	99	289	12	850	1483	1	20.2	4.3	9	24			
1000	* 16		30.3	6.3					1000	* 31		26.5	2.2					997	* 79		27.2						
ASIA - INDIA COCHIN/WILLINGDON 43353 0957N 07616E OB 3																											
030	24263	10	-49.8						030									030	24226	13	-46.4						
050	20996	9	-57.8						050									050	21043	5	-54.5		9	67	104	5	
100	16784	5	-74.7						100	16813	7	-74.4		8	99	92	38	100	16818	1	-73.4		1	94	100	20	
150	14380	2	-63.2						150	14401	7	-62.5		3	99	97	26	150	14401	0	-62.2		1	99	94	35	
200	12552	1	-48.3						200	12559	3	-48.4		0	83	88	8	200	12566	0	-47.8		1	93	93	25	
300	9747	1	-27.4						300	9763	0	-26.6		0	83	88	8	300	9764	0	-26.9		1	75	85	8	
500	5866	1	-2.3	7.7					500	5878	0	-2.4	10.5	1	51	287	5	500	5876	0	-2.5	8.6	6	280	4		
700	3129	0	10.9	6.9					700	3141	0	11.2	3.5	0	84	289	11	700	3133	0	11.5	8.5	0	97	294	12	
850	1486	0	18.5	2.2					850	1494	0	19.3	4.2	0	93	292	15	850	1500	0	19.2	4.3	0	96	303	13	
1000	* 3		26.8	2.7					1000	* 2		28.5	3.7					1000	* 64		26.5	2.4					
ASIA - JAPAN WAKKANAI 47401 4525N 14141E OB 2																											
030	24165	3	-50.0		6	96	77	5	030	24130	2	-50.5		2	97	79	6	030	24155	1	-50.1		2	95	80	5	
050	20859	0	-54.4		0	34	5	1	050	20838	0	-55.6		0	60	49	2	050	20855	0	-55.1		0	56	29	2	
100	16457	0	-56.6		0	84	279	11	100	16477	0	-59.5		0	88	280	13	100	16480	0	-59.0		0	89	284	13	
150	13874	0	-53.9		0	89	275	23	150	13928	0	-56.9		0	91	275	29	150	13922	0	-56.2		0	90	280	28	
200	12022	0	-52.4		0	85	269	29	200	12094	0	-52.9		1	90	270	41	200	12084	0	-52.5		0	88	278	35	
300	9348	0	-40.3		0	74	268	19	300	9401	0	-37.8	8.2	1	80	269	28	300	9391	0	-38.2		0	77	278	23	
500	5667	0	-13.9	14.3	0	64	272	9	500	5697	0	-12.5	15.8	1	76	273	13	500	5685	0	-12.6	15.1	1	6	283	12	
700	3032	0	1.5	8.9	0	47	269	6	700	3049	0	2.9	12.2	0	56	282	7	700	3042	0	2.0	11.4	0	51	283	7	
850	1442	0	10.1	8.9	1	39	240	4	850	1452	0	11.2	7.1	0	40	247	4	850	1448	0	10.6	8.5	0	38	292	4	
1000	* 11		13.0	1.8					1000	* 19		16.9	4.1					1000	* 26		10.9	1.3					
ASIA - JAPAN AKITA 47582 3943N 14006E OB 2																											
030	24135	1	-51.5		2	96	84	8	030	24127	1	-51.5		3	97	82	8	030	24127	1	-51.7		1	96	80	7	
050	20859	1	-56.9		1	76	70	3	050	20852	0	-57.3		0	79	70	3	050	20860	0	-57.5		0	63	69	3	
100	16549	0	-63.1		0	91	278	17	100	16570	0	-65.4		0	89	278	16	100	16592	0	-66.4		0	91	272	16	
150	14046	0	-60.9		0	91	274	38	150	14091	0	-62.4		0	90	276	34	150	14120	0	-62.6		0	91	270	33	
200	12232	1	-53.3		0	91	271	45	200	12284	0	-53.0		0	91	271	41	200	12312	0	-52.8		0	91	262	39	
300	9508	0	-33.7	9.5	0	87	269	33	300	9552	0	-32.6	8.7	0	88	271	32	300	9574	0	-32.0	10.3	0	91	262	30	
500	5748	0	-9.6	15.2	0	81	269																				

ASIA-JAPAN

## UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	% STEADINESS	DIRECTION	SPEED			
mb	9pm		°C	°C			%	°	mps	mb	9pm	°C	°C			%	°	mps	mb	9pm		°C	°C			%	°	mps	
ASIA - JAPAN																													
TATENO																													
		47646	3603N	14008E	OB 2						47678	3307N	13947E	OB 2						47744	3526N	13321E	OB 2						
030	24104	0	-51.9		0	97	83	8	030	24099	1	-52.5		3	98	81	10	030	24138	4	-51.9		7	98	79	9			
050	20842	0	-58.3		0	86	72	4	050	20846	0	-59.1		0	89	79	5	050	20868	4	-57.7		4	79	79	3			
100	16604	0	-68.5		0	86	280	14	100	16646	0	-71.3		0	77	287	10	100	16614	0	-68.2		0	88	272	13			
150	14158	0	-64.8		0	88	276	30	150	14230	0	-65.5		0	84	283	23	150	14160	0	-63.9		0	90	266				
200	12360	0	-53.2		0	90	268	34	200	12431	0	-52.5		0	83	271	23	200	12355	0	-52.6		0	91	257	32			
300	9620	0	-31.2	9.7	0	89	270	27	300	9679	0	-30.2	10.3	0	89	265	19	300	9611	0	-31.4	9.4	0	90	256	25			
500	5811	0	-6.3	16.7	0	87	268	17	500	5832	0	-5.4	15.3	0	81	268	12	500	5807	0	-6.7	15.0	0	91	259	15			
700	3109	0	7.6	14.5	0	73	266	8	700	3137	0	9.4	12.6	0	79	262	10	700	3106	0	7.9	11.8	0	77	260	10			
850	1486	0	15.3	6.0	0	58	226	4	850	1502	0	17.2	9.7	1	64	254	7	850	1480	0	15.8	7.3	0	68	224	6			
1007	*	31	20.9	3.0						994	*	153	21.8	1.4					1008	*	8	22.7	4.0						
ASIA - JAPAN																													
SHIONOMISAKI																													
		47778	3327N	13545E	OB 2						47807	3335N	13023E	OB 2						47827	3138N	13035E	OB 2						
030	24098	3	-52.4		5	97	79	10	030	24091	2	-52.7		2	98	76	9	030	24090	4	-52.9		6	98	77	11			
050	20842	2	-59.1		2	91	82	5	050	20839	1	-59.2		1	82	84	5	050	20846	2	-59.9		3	92	80	6			
100	16638	0	-70.6		0	78	277	11	100	16635	0	-70.1		0	84	270	13	100	16659	0	-72.0		0	73	278	9			
150	14216	0	-65.3		0	8	270	25	150	14199	0	-64.1		0	91	262	29	150	14244	0	-64.8		0	86	266	22			
200	12419	0	-52.7		0	87	260	27	200	12393	0	-52.1		0	93	252	31	200	12439	0	-51.7		0	85	256	23			
300	9669	0	-30.4	9.9	0	91	259	22	300	9645	0	-31.1	9.8	0	92	249	23	300	9683	0	-30.1	11.4	0	89	247	19			
500	5845	0	-5.1	19.4	0	86	257	13	500	5827	0	-5.7	13.7	0	88	253	16	500	5852	0	-4.8	13.8	0	89	248	12			
700	3128	0	9.5	19.1	0	89	253	9	700	3115	0	8.9	13.2	0	77	253	10	700	3129	0	10.4	14.4	0	81	246	9			
850	1495	0	16.8	9.7	0	40	239	3	850	1483	0	16.5	8.0	0	57	214	6	850	1491	0	17.1	7.3	0	47	233	5			
1007	*	75	22.1	1.5						1008	*	14	23.7	4.7					978	*	283	21.8	2.1						
ASIA - JAPAN																													
NAZE/FUNCHATOGE																													
		47909	2823N	12933E	OB 2						47918	2420N	12410E	OB 2						47936	2612N	12740E	OB 2						
030	24076	4	-53.0		6	98	79	12	030	24048	8	-52.7		9	99	81	13	030	24046	6	-52.9		7	99	81	14			
050	20838	3	-60.6		3	98	85	8	050	20810	8	-61.2		8	98	88	11	050	20818	6	-61.7		6	98	86	9			
100	16686	0	-74.5		0	40	309	5	100	16699	0	-77.0		1	61	42	6	100	16693	1	-76.1		1	36	23	4			
150	14291	0	-65.6		0	57	280	11	150	14319	0	-65.6		1	31	319	5	150	14310	1	-66.0		1	40	303	7			
200	12485	0	-51.3		0	61	267	11	200	12509	0	-50.6		2	27	297	4	200	12505	1	-51.2		1	37	285	6			
300	9719	0	-29.1	11.9	0	68	244	10	300	9734	0	-28.3	11.3	3	35	220	4	300	9738	0	-28.6	12.5	0	50	236	7			
500	5874	0	-4.4	13.3	0	78	236	9	500	5882	0	-3.9	9.1	3	57	217	6	500	5888	0	-4.2	9.6	0	70	233	8			
700	3148	0	11.0	11.5	0	78	232	8	700	3146	0	12.0	7.5	4	7	200	3156	0	11.4	8.5	0	76	213	8					
850	1502	0	18.5	6.4	0	75	217	7	850	1492	0	19.7	4.9	6	73	191	7	850	1506	0	19.5	5.5	0	77	197	8			
1007	*	15	26.1	1.9						1014	*	8	24.8	2.7					1007	*	9	25.5	4.3						
ASIA - JAPAN																													
MINAMIDAITOJIMA																													
		47945	2550N	13114E	OB 2						47971	2705N	14211E	OB 2						47991	2418N	15358E	OB 2						
030	24028	3	-53.9		3	99	82	13	030	24075	3	-53.0		9	99	81	14	030	24043	3	-53.7		4	99	82	14			
050	20805	2	-61.6		2	98	86	9	050	20832	1	-59.9		1	98	88	9	050	20808	0	-60.6		1	98	87	11			
100	16688	0	-76.3		1	50	31	5	100	16673	0	-74.2		0	67	32	6	100	16656	0	-74.6		0	71	47	7			
150	14305	0	-65.7		1	35	339	5	150	14284	0	-66.4		0	53	11	8	150	14267	0	-67.2		0	60	29	8			
200	12500	0	-51.3	</td																									

ASIA - THAILAND

UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	o	mb	gpm		°C	°C		%	o	mb	gpm		°C	°C		%	o	mps	
ASIA - THAILAND SONGKHLA 48568 0712N 10036E OB 1																									
030	23898	7	-53.2		7	31	125	2	030	24084	3	-53.3		3	97	97	10	030	24074	5	-50.8		0	99	95 24
050	20658	7	-61.6		7	78	90	7	050	20831	2	-59.3		2	79	94	5	050	20829	0	-59.6		0	98	90 26
100	16567	3	-80.9		3	97	85	21	100	16562	0	-63.4		0	89	254	9	100	16679	0	-74.1		0	61	150 18
150	14226	0	-68.1		0	95	75	19	150	14049	0	-59.8		0	86	260	13	150	14249	0	-65.9		0	84	240 28
200	12437	0	-53.4		0	89	75	14	200	12234	0	-55.0		0	68	269	12	200	12454	0	-53.6		0	83	255 28
300	9691	0	-30.6	7.9	0	69	75	6	300	9558	0	-38.5	18.0	0	68	277	11	300	9720	0	-32.3		0	60	270 20
500	5864	0	-5.4	7.6	0	9	265	1	500	5836	0	-10.8	20.8	0	71	289	7	500	5916	0	-8.0	23.2	0	73	125 16
700	3143	0	10.2	8.2	0	85	275	6	700	3164	0	5.6	19.9	0	63	323	4	700	3209	0	1.1	31.6	0	80	90 18
850	1497	0	18.9	5.2	0	90	260	8	850	1559	0	11.1	8.3	0	80	10	3	850	1554	0	22.9	24.6	0	81	60 8
1008	*	5	25.3	2.1					1015	*	58	21.5	5.8					*	55		23.9	5.6			
AFRICA - NIGER NIAMEY-AERO 61052 1329N 00210E OB 3																									
030									030									030							
050									050									050							
100	16650	3	-68.0		9	24	100	10	100									100	16655	4	-79.0		4	95	20 21
150	14283	2	-68.1		5	19	100	5	150	14331	16	-62.8		9	56	180	5	150	14280	2	-65.1		2	10	20 20
200	12483	2	-52.4		4	8	90	2	200	12507	13	-51.3		9	63	125	5	200	12472	1	-51.2	17.2	1	93	15 14
300	9735	2	-30.8	12.6	4	15	80	4	300	9741	13	-29.4	16.1	9	25	90	1	300	9713	1	-29.8	26.3	2	78	180 7
500	5916	2	-6.4	16.3	4	26	90	11	500	5916	13	-6.1	10.2	9	71	315	1	500	5886	1	-8.2	9.0	5	80	170 4
700	3203	2	11.8	11.0	4	21	80	10	700	3192	13	13.6	15.1	7	11	315	1	700	3172	1	13.4	14.3	4	80	10 4
850	1540	2	24.1	1.2	4	19	20	4	850	1505	13	28.2	20.5	9	41	180	3	773	*2325	1	24.2	16.2			
986	*	227	32.3	12.3					963	*	380	39.1	24.3												
AFRICA - ETHIOPIA ADDIS ABABA 63450 0859N 03848E OB																									
030									030									030							
050									050									050							
100	16610	1	-76.7		3	94	95	17	100	16599		-80.8						100	16622	1	-79.8		2	46	99 7
150	14230	0	-65.3		0	95	110	21	150	14239		-65.9						150	14255	1	-66.3		1	33	99 3
200	12430	0	-52.1	17.3	0	93	100	14	200	12441		-52.6						200	12460	1	-53.1		1	46	79 3
300	9680	0	-30.2	21.6	2	83	85	5	300	9696		-31.1	39.4					300	9720	1	-31.5	10.3	1	47	82 3
500	5850	0	-6.8	7.2	3	83	55	5	500	5879		-5.9	10.6					500	5903	1	-6.2	8.6	1	36	79 3
700	3129	0	12.4	7.4	2	33	150	1	700	3173		9.6	5.0					700	3193	1	9.7	6.6	2	44	75 5
766	*	2324	0	21.2	10.3				850	1529		19.6	15.0					850	1551	1	17.7	2.7	2	14	135 1
									971	*	366	26.1	21.8					1013	*	19	1	29.1			
AFRICA - ZAMBIA LUSAKA CITY AIRPORT 67666 1525S 02819E OB 2																									
030									030									030							
050									050									050							
100	16598	4	-78.5		4	40	110	9	100	16511	1	-69.5		2	96	284	21	100	16446	0	-66.4		0	95	279 28
150	14218	4	-65.9		4	44	150	10	150	14047	0	-61.1		0	97	281	32	150	13955	0	-59.4		0	97	280 37
200	12425	4	-53.7		4	62	135	16	200	12233	0	-53.9		0	97	279	35	200	12134	0	-54.5		0	95	279 40
300	9689	4	-32.3	19.9	4	74	140	12	300	9538	0	-36.9	19.1	0	90	279	27	300	9464	0	-39.9	15.9	0	84	280 25
500	5886	3	-4.9	32.6	4	66	210	14	500	5815	0	-11.2	27.0	0	75	278	12	500	5788	0	-14.2	21.2	0	70	284 10
700	3179	3	5.0	9.9	4	59	190	14	700	3161	0	3.5	19.7	0	79	287	7	700	3153	0	2.9	21.3	0	69	289 7
850	1557	3	18.4	13.0	4	65	200	10	850	1561	4	7.7	8.1	2	61	168	1	850	1557	0	11.8	14.3	0	41	342 3
878	*	1280	2	21.3	13.0				854	*	1500	6.9	7.5					926	*	800	0	8.1	9.2		
AFRICA - SOUTH AFRICA BLOEMFONTEIN (J.B.M. HERTZOG) 68442 2906S 02618E OB 1																									
030	23865	7	-55.8		9	95	274	20	030	23846	3	-53.1		9	65	285	6	030	23862	2	-54.5		4	78	278 12
050	20663	3	-62.7		3	85	289	13	050	20638	2	-62.2		3	64	296	6	050	20654	0	-62.2		0	83	296 10
100	16450	1	-65.7		1	94	279	13	100	16426	0	-65.8		0	97	281	27	100	16306	0	-62.1		0	96	273 32
150	13954	1	-59.2		1	98	281	41	150	13934	0	-59.6		0	98	284	37	150	13780	0	-57.5		0	94	272 39
200	12130	1	-54.0		1	95	279	41	200	12115	0	-55.0		0	95	282	38	200	11965	0	-57.3		0	89	271 33
300	9454	1	-39.6	19.9	1	89	277	30	300	9448	0	-40.1	15.0	0	93	281	28	300	9336	0	-43.9	16.8	0	80	275 23
500	5778	1	-14.2	23.5	1	77	277	12	500	5777	0	-14.1	20.9	0	90	287	15	500	5710	0	-16.9	20.9	0	78	275 17
700	3146	1	1.6	18.4	1	77	278	7	700	3144	0	2.1	15.4	0	85	274	7	700	3102	0	-0.6	19.4	0	78	275 12
850	1557	1	8.8	10.7	1	19	332	1	850	1549	0	11.9	13.3	0	42	264	2	850	1529	0	6.7	13.3	0	54	276 5
871	*	1400	0	1.8	4.4				1019	*	8	14.5	4.1					1017	*	42	0	9.6	1.7		
AFRICA - SOUTH AFRICA DURBAN (LOUIS BOTHA) 68588 2958S 03057E OB 1																									
030	23846	3	-54.6		4	87	279	14	030	23770	3	-57.5		8	97	281	23	050	20581	0	-61.3		0	96	278 22
050	20638	2	-62.2		2	95	295	13	050	20581	0	-62.1		0	96	273	32	100	16306	0	-62.1		0	94	272 39
100	16426	0	-65.8		0	97	281	27	100	16306	0	-62.1		0	96	273	32	150	13780	0	-57.5		0	94	272 39
150	13934	0	-59.6		0	98	284	37	150	137															

AFRICA-SOUTH AFRICA

## UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mps	mb		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 3359S 02536E 08 1																										
AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 4021S 00953W 08 1																										
030	23775	13	-57.4		9	91	280	17	030	23578	7	-61.3		7	98	268	25	030	23981	4	-52.8		6	92	90	7
050	20597	9	-69.2		9	97	271	18	050	20429	1	-62.5		1	97	269	26	050	20748	2	-61.1		3	96	85	9
100	16354	3	-63.8		3	95	272	29	100	16159	0	-62.2		0	95	269	28	100	16611	0	-74.4		0	63	277	6
150	13838	3	-58.3		3	95	270	34	150	13649	0	-61.5		0	92	252	30	150	14233	0	-54.4		0	97	277	39
200	12025	3	-57.5	18.0	3	94	267	34	200	11878	0	-62.3		0	86	260	31	200	11391	0	-55.2		0	94	276	39
300	9391	3	-42.8	17.4	3	87	268	27	300	9285	0	-45.2	11.5	0	84	266	27	300	8791	0	-50.1	16.6	0	89	272	32
500	5741	3	-15.3	23.6	3	89	268	18	500	5673	0	-17.7	12.5	0	83	268	20	500	5297	0	-27.2	13.7	0	92	271	24
700	3116	3	9.1	13.0	3	90	269	13	700	3076	0	-2.1	13.3	0	81	269	13	700	2798	0	-11.6	9.9	0	91	269	17
850	1478	3	9.4	14.0	3	92	274	10	850	1513	0	5.1	10.2	0	68	272	8	850	1287	0	-3.3	4.0	0	82	271	10
1011	*	60	0	18.1	8.5			1015	*	54	0	11.0	2.3					995	*	22	0	3.9	2.4			
N AMERICA - ST. MAARTEN, ST. EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 1803N 06307W 08 2																										
N AMERICA - ST. MARTIN, ST. BARTH., GUAD LE RAISET, GUADELOUPE 78897 1616N 06131W 08																										
030	23956	4	-52.8		5	97	102	12	030	20729	0	-62.9		7	76	288	6	030	23981	4	-52.8		6	92	90	7
050	20733	1	-61.8		3	99	96	15	050	20729	0	-62.9		7	76	288	6	050	20748	2	-61.1		3	96	85	9
100	16573	0	-72.3		2	70	284	5	100	16593	7	-73.6		6	90	214	16	100	16611	0	-74.4		0	63	277	6
150	14177	0	-68.2		1	87	284	13	150	14208	6	-67.8		6	78	268	15	150	14233	0	-68.1		0	88	275	12
200	12402	0	-56.1		1	78	275	13	200	12427	6	-54.4		8	78	268	15	200	12448	0	-54.1		0	90	262	9
300	9694	0	-34.0	10.6	1	74	282	8	300	9670	7	-32.8	8.5	8	72	273	7	300	9712	0	-31.4	9.7	0	63	238	4
500	5909	0	-7.1	13.0	1	11	128	1	500	5900	0	-6.3	10.5	1	40	115	2	500	5896	0	-5.9	9.9	0	89	104	6
700	3203	0	8.8	11.4	0	84	116	6	700	3188	0	9.0	10.1	0	89	104	9	700	3174	0	10.4	8.3	0	97	106	11
850	1568	0	16.6	3.8	0	95	112	9	850	1555	0	16.6	4.7	0	10	105	11	850	1529	0	18.8	4.5	0	97	107	12
1017	*	9	0	27.7	4.6			1016	*	8	0	27.1	4.0					1006	*	62	0	27.0	3.5			
S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 0442N 0740EW 08 2																										
S AMERICA - COLOMBIA GAVIOTAS 80241 0433N 07055W 08 2																										
030	23055	26	-53.8		26	56	228	4	030	23105	20	-55.7		22	28	83	2	030	24021	4	-52.7		5	90	261	9
050	20157	26	-63.4		26	49	69	2	050	20231	23	-63.3		23	65	285	5	050	20775	4	-60.4		4	87	274	6
100	16604	27	-78.7		27	58	285	4	100	16566	24	-78.3		23	67	306	7	100	16670	6	-76.7		6	35	215	3
150	14239	27	-67.7		27	58	311	7	150	14209	24	-67.9		23	67	26	2	150	14295	5	-65.5		5	85	274	12
200	12449	27	-53.4		27	54	356	5	200	12422	24	-53.9		23	62	26	2	200	12489	4	-52.0		5	63	288	6
300	9709	29	-31.0	11.2	29	70	119	5	300	9682	24	-30.9	8.1	24	66	95	4	300	9732	4	-30.6	16.1	4	29	45	2
500	5882	29	-5.2	6.5	29	91	98	6	500	5855	24	-5.8	3.9	24	92	98	7	500	5910	5	-5.7	14.0	5	88	77	7
700	3167	29	8.4	3.7	29	95	115	6	700	3145	24	8.2	2.1	23	83	91	6	700	3180	5	8.6	8.6	5	87	96	10
754	*2548	29	10.7	1.3					850	1509	24	17.1	2.8	23	54	95	3	850	1541	5	17.9	5.4	5	95	118	10
850	1525								992	*	167	24	23.0	0.5					1012	*	16	4	26.2	3.7		
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 0309S 05959W 08																										
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 1552S 04756W 08																										
030	24052	4	-50.5		6	92	272	12	030	23991	4	-51.9		15	80	289	6	030	23983	6	-51.9		5	90	261	9
050	20794	4	-58.7		4	72	292	6	050	20764	4	-63.9		15	23	331	2	050	20758	6	-61.4		4	87	274	6
100	16660	5	-77.2		5	68	273	8	100	16621	24	-72.5		13	88	278	11	100	16567	7	-69.7		7	63	277	6
150	14274	5	-64.6		5	88	297	14	150	14203	24	-66.1		7	97	265	30	150	14120	7	-63.7		7	71	307	6
200	12468	5	-51.2		6	78	300	9	200	12407	24	-53.9		3	93	266	28	200	12317	6	-54.7		12	89	276	30
300	9713	5	-30.2	11.2	6	24	281	2	300	9680	24	-33.7	15.0	2	90	273	18	300	9610	5	-35.5	13.9	6	95	277	26
500	5885	5	-5.7	9.3	5	94	89	8	500	5886	24	-6.7	20.8	2	44	256	4	500	5857	5	-9.7	16.9	6	83	280	10
700	3168	5	8.6	6.0	5	91	95	10	700	3178	24	7.3	17.9	3	9	193	1	700	3167	5	6.9	12.7	5	71	307	6
850	1533	5	17.8	3.3	5	96	106	12	850	1552	24	15.8</														

S AMER-BRAZIL

## UPPER AIR

JUNE 1990

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND															
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED													
mb	gpm		°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps											
S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 3000S 05111W OB 1									ANTARCTICA - SOUTH AFRICA S.A.N.A.E. STATION 89001 7018S 00221W OB 1								ANTARCTICA - JAPAN SYOWA 89532 6900S 03935E OB 1																						
030 23840 2 -56.0	050 20629 2 -61.3	100 16387 1 -65.1	150 13878 1 -60.9	200 12097 1 -57.7	300 9444 1 -41.5	500 5765 1 -13.7	700 3119 1 2.9	850 1527 1 8.7	1020 * 3 1 11.2	030 18846 11 -83.9	050 14917 3 -75.6	100 12543 3 -70.9	200 10836 3 -70.0	300 8378 3 -59.7	500 5020 3 -36.6	700 2619 3 -22.7	850 1181 3 -18.0	990 * 62 0 -27.5	030 21632 0 -83.4	050 18783 0 -81.1	100 14825 0 -74.4	150 12439 0 -69.9	200 10722 0 -69.1	300 8276 0 -62.5	500 4973 0 -40.7	700 2601 0 -24.4	850 1169 0 -18.9	990 * 21 0 -16.9	030 274 28	050 274 21	100 269 12	150 267 9	200 266 7	300 254 5	500 292 2	700 237 1	850 237 6	990 * 37 6	
SW PACIFIC - MALAYSIA PENANG/BAYAN LEPAS 48601 0518N 10016E OB 3									SW PACIFIC - MALAYSIA KOTA BHARU 48615 0610N 10217E OB 3								SW PACIFIC - MALAYSIA KUALA LUMPUR/PETALING JAYA 48648 0306N 10139E OB 3																						
030 23926 0 -52.6	050 20699 0 -61.5	100 16601 0 -79.3	150 14240 0 -66.5	200 12441 0 -52.3	300 9688 0 -30.1	500 5859 0 -5.4	700 3140 0 10.1	850 1498 0 19.0	1009 * 4 0 27.1	030 23911 1 -52.9	050 20679 0 -61.5	100 16578 0 -78.9	150 14223 0 -67.3	200 12433 0 -53.5	300 9692 0 -30.7	500 5865 0 -5.2	700 3143 0 10.4	850 1499 0 19.3	1008 * 5 0 26.9	030 23946 7 -53.1	050 20708 2 -61.6	100 16597 0 -78.9	150 14235 0 -66.6	200 12437 0 -52.3	300 9687 0 -30.3	500 5861 0 -5.5	700 3142 0 10.1	850 1500 0 19.1	1004 * 57 0 26.8	030 266 12	050 255 4	100 269 16	150 248 24	200 247 17	300 238 8	500 282 1	700 269 5	850 254 3	1004 * 75 3
SW PACIFIC - MALAYSIA KUANTAN 48657 0337N 10313E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 0122N 10359E OB 1								SW PACIFIC - NEW CALEDONIA NOUMEA (NLLE-CALEDONIE) 91592 2216S 16627E OB																						
030 23959 2 -53.1	050 20729 1 -61.0	100 16625 0 -78.7	150 14254 0 -65.4	200 12449 0 -51.7	300 9694 0 -30.1	500 5865 0 -5.2	700 3145 0 10.3	850 1501 0 19.5	1007 * 16 0 2.5	030 23926 0 -53.8	050 20696 0 -61.4	100 16591 0 -79.0	150 14231 0 -67.2	200 12441 0 -53.3	300 9694 0 -30.6	500 5868 0 -5.4	700 3149 0 9.7	850 1507 0 18.8	1008 * 16 0 25.5	030 23886 11 -54.8	050 20682 3 -63.1	100 16549 2 -74.2	150 14144 2 -64.4	200 12335 1 -51.8	300 9590 1 -31.8	500 5807 0 -8.5	700 3122 0 5.9	850 1515 1 11.4	1008 * 72 0 22.6	030 246 2	050 255 4	100 271 18	150 264 24	200 263 29	300 272 31	500 281 21	700 269 5	850 254 1	1008 * 110 1
SW PACIFIC - NEW ZEALAND (KIRIBATI) TARAWA 91610 0121N 17255E OB									SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 91643 0831S 17913E OB								SW PACIFIC - FIJI NANDI 91680 1745S 17727E OB																						
030 23990 24 -53.3	050 20706 1 -71.5	100 16653 1 -81.5	150 14300 1 -66.7	200 12493 0 -51.4	300 9727 1 -29.9	500 5890 0 -4.9	700 3159 0 11.3	850 1510 0 19.2	1009 * 4 30.2	030 23928 11 -53.1	050 20711 9 -63.4	100 16623 2 -80.6	150 14270 2 -67.3	200 12473 2 -52.7	300 9720 2 -30.4	500 5882 0 -4.9	700 3157 0 10.6	850 1512 0 18.6	1010 * 2 29.6	030 23869 8 -54.7	050 20680 6 -64.8	100 16584 3 -77.6	150 14213 3 -67.0	200 12421 2 -53.1	300 9676 2 -31.3	500 5856 2 -5.9	700 3146 1 9.2	850 1517 1 15.7	1011 * 18 28.1	030 346 2	050 282 6	100 267 18	150 264 24	200 259 53	300 270 37	500 281 21	700 269 15	850 238 5	1008 * 110 1
SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 0948S 13902W OB 1									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 1733S 14937W OB 1								SW PACIFIC - FRENCH POLY. (TUAMOTU IS) HAO 91944 1804S 14057W OB 1																						
030 23920 4 -52.1	050 20687 1 -62.7	100 16609 1 -77.9	150 14241 0 -66.3	200 12440 0 -52.2	300 9692 0 -30.9	500 5863 0 -4.3	700 3137 0 10.5	850 1505 0 15.6	1005 * 52 0 28.3	030 23918 4 -54.2	050 20702 4 -62.9	100 16606 2 -75.8	150 14216 0 -65.7	200 12416 0 -52.8	300 9682 0 -32.4	500 5877 0 -5.2	700 3157 0 9.8	850 1525 0 16.2	1013 * 2 28.8	030 23869 8 -54.7	050 20680 6 -64.8	100 16593 6 -74.8	150 14195 1 -64.9	200 12392 1 -52.8	300 9666 0 -33.6	500 5871 0 -5.1	700 3152 0 9.5	850 1521 0 16.0	1013 * 3 0 26.7	030 332 3	050 282 6	100 267 18	150 264 18	200 261 18	300 265 13	500 272 5	700 254 1	850 225 2	1005 * 72 2

SW PAC-FRENCH POLY.

## UPPER AIR

JUNE 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADNESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADNESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADNESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b>																											
RAPA																											
91958 2737S 14420W OB 1																											
030	20638	5	-62.1						030	23849	10	-57.1						030	23728	17	-55.8						
050	16453	3	-69.6						050	20637	6	-59.4						050	20521	7	-55.7						
100	14001	3	-62.7						100	16319	1	-58.6						100	16069	5	-52.4						
150	12200	3	-55.2						150	13719	1	-53.7	24.5					150	13443	5	-52.0						
200	9499	2	-36.7	10.2					200	11853	0	-51.4	20.7	1	96	276	63	200	11592	3	-54.7						
300	5760	0	-10.7	9.9	4	93	273	21	300	9195	0	-45.2	13.4	0	88	275	57	300	9010	2	-51.5						
500	3094	0	4.2	12.1	1	88	275	15	500	5613	0	-20.8	15.0	0	73	260	23	500	5502	0	-24.6	12.5					
700	1494	0	10.9	6.9	2	78	278	7	700	3039	0	-3.7	12.3	0	61	261	14	700	2963	0	-7.5	9.8					
850	*	2	0	21.7	6.0				850	1482	0	4.2	5.4	0	48	254	9	850	1425	0	0.9	5.7	8	65	293	14	
1014	*	0							1005	*	87	14.2	3.7					1012	*	1	7.1	2.9					
<b>SW PACIFIC - NEW ZEALAND</b>																											
KAITAIA																											
91958 2737S 14420W OB 1																											
030	23849	10	-57.1						030	23728	17	-55.8						030	23943	10	-53.1						
050	20637	6	-59.4						050	20521	7	-55.7						050	20711	6	-61.2						
100	16319	1	-58.6						100	16069	5	-52.4						100	16607	1	-78.7						
150	13719	1	-53.7	24.5					150	13443	5	-52.0						150	14244	0	-66.5						
200	11853	0	-51.4	20.7	1	96	276	42	200	11592	3	-54.7					200	12445	0	-52.8							
300	9195	0	-45.2	13.4	0	88	275	57	300	9010	2	-51.5					300	9699	0	-30.5	7.3	0	87	85	9		
500	5613	0	-20.8	15.0	0	73	260	23	500	5502	0	-24.6	12.5				500	5871	0	-5.3	5.7	0	17	217	1		
700	3039	0	-3.7	12.3	0	61	261	14	700	2963	0	-7.5	9.8				700	3149	0	9.9	8.0	0	82	271	6		
850	1482	0	4.2	5.4	0	48	254	9	850	1507	0	19.3	6.3	0	74	255	4	850	1507	0	25.7	2.6	0	77	255	4	
1014	*	1	7.1	2.9					1005	*	27	0						1007	*	27	0						
<b>SW PACIFIC - NEW ZEALAND</b>																											
CHATHAM ISLAND																											
93986 4357S 17634W OB 3																											
030	23846	23	-56.3						030	23943	10	-53.1						030	23962	8	-52.7						
050	20581	12	-55.3	29.7					050	20729	8	-61.5						050	20711	6	-61.2						
100	16154	4	-53.1	29.8	5	93	273	26	100	16616	6	-79.3					100	16607	1	-78.7							
150	13530	2	-51.3	28.0	3	88	275	29	150	14244	0	-66.5					150	14244	0	-66.5							
200	11668	1	-53.3	23.3	2	82	277	9	200	12445	0	-52.8					200	12449	6	-51.9							
300	9060	0	-49.9	13.0	2	53	278	17	300	9697	5	-30.7	7.1	5	94	77	10	300	9697	5	-30.7	7.1	5	94	77	10	
500	5522	0	-23.2	9.5	2	48	268	11	500	5870	3	-5.2	6.3	3	20	42	1	500	5870	3	-5.2	6.3	3	20	42	1	
700	2978	0	-6.6	11.1	2	7	211	2	700	3150	3	10.1	7.6	3	81	270	6	700	3149	3	10.1	7.6	3	81	270	6	
850	1434	0	1.2	4.8	2	11	213	2	850	1507	2	18.9	5.4	2	74	250	5	850	1507	2	18.9	5.4	2	74	250	5	
1014	*	19	6.5	2.0					1009	*	3	0	27.3	3.4	0	90	250	7	1008	*	20	2	26.0	1.7			
<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b>																											
BINTULU																											
96441 0312N 11302E OB 3																											
030	23938	9	-53.4						030	23962	8	-52.7						030	23943	10	-53.1						
050	20705	1	-61.5						050	20729	8	-61.5						050	20711	6	-61.2						
100	16616	0	-80.4						100	16616	6	-79.3						100	16607	1	-78.7						
150	14260	0	-66.3						150	14253	5	-65.7						150	14244	0	-66.5						
200	12459	0	-51.9						200	12449	6	-51.9						200	12449	6	-51.9						
300	9701	0	-29.7	7.9	0	88	76	10	300	9697	5	-30.7	7.1	5	94	77	10	300	9697	5	-30.7	7.1	5	94	77	10	
500	5866	0	-4.9	5.3	0	15	159	1	500	5870	3	-5.2	6.3	3	20	42	1	500	5870	3	-5.2	6.3	3	20	42	1	
700	3141	0	10.3	7.5	0	83	270	8	700	3150	3	10.1	7.6	3	81	270	6	700	3149	3	10.1	7.6	3	81	270	6	
850	1499	0	19.0	5.6	0	90	250	7	850	1507	2	18.9	5.4	2	74	250	5	85									

EUROPE-U KINGDOM

## UPPER AIR CORRECTIONS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION °	SPEED mps
030	23620	2	-59.7		0	0	0	0	030								030									
050	20418	0	-58.8						050								050									
100									100								100									
150									150								150									
200									200								200									
300									300								300									
500									500								500									
700									700								700									
850	*	56							850								850									
AFRICA - SEYCHELLES SEYCHELLES INTL AP(RAW,STN) 63985 MAR 1990 0441S 05532E OB 2																										
030									030								030									
050									050								050									
100									100								100									
150									150								150									
200									200								200									
300									300								300									
500									500								500									
700									700								700									
850	*	4							850								850									
AFRICA - SEYCHELLES																										
030									030								030									
050									050								050									
100									100								100									
150									150								150									
200									200								200									
300									300								300									
500									500								500									
700									700								700									
850									850								850									
1010	*	144	0	8.3	3.9				1010	*	4						1010	*	4							

# STATION LIST RECENT DATA

47409	C	ABASHIRI	JAPAN	63021	CT	ASMARA	ETHIOPIA
03091	C	ABERDEEN/DYCE	U KINGDOM	62414	C	ASSWAN	EGYPT
41112	C	ABHA	SAUDI ARABIA	72791	C	ASTORIA/CLATSOP, OR.	USA
65578	CT	ABIDJAN	COTE D'IVOIRE	34880	C	ASTRAHAN'	USSR
72266	C	ABILENE, TX.	USA	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	65376	C	ATAKPAME	TOGO
41217	CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	61421	C	ATAR	MAURITANIA
17352	CT	ADANA	TURKEY	16716	C	ATHENS(HELLINIKON)	GREECE
63450	CT	ADDIS ABABA	ETHIOPIA	16714	C	ATHINAI/OBSERVATORY	GREECE
94672	C	ADELAIDE AIRPORT	AUSTRALIA	72219	C	ATLANTA/MUN., GA.	USA
41467	C	ADEN KHORMAKSAR	DEM YEMEN	72407	C	ATLANTIC CITY, NJ.	USA
65585	C	ADIKE	COTE D'IVOIRE	91925	CT	ATUONA	FRENCH POLY.
60620	C	ADRAR	ALGERIA	93119	C	AUCKLAND AIRPORT	N ZEALAND
76644	C	AEROP. INTL MERIDA, YUC.	MEXICO	03322	T	AUGHTON	U KINGDOM
87582	C	AEROPARQUE	ARGENTINA	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
17190	C	AFYON	TURKEY	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
61024	C	AGADEZ	NIGER	84673	C	AYACUCHO	PERU
60250	C	AGADIR	MOROCCO	87642	C	AZUL AERO	ARGENTINA
61974	C	AGALEGA	MAURITIUS	83980	C	BAGE	BRAZIL
42261	C	AGRA	INDIA	71727	C	BAGOTVILLE, QUE.	CANADA
42647	CT	AHMADABAD	INDIA	98328	C	BAGUIO	PHILIPPINES
60560	C	AIN SEFRA	ALGERIA	87750	C	BAHIA BLANCA AERO	ARGENTINA
61499	C	AIOUN EL ATROUSS	MAURITANIA	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
07761	C	AJACCIO	FRANCE	71926	C	BAKER LAKE, N.W.T.	CANADA
31168	C	AJAN	USSR	35796	C	BALHAS	USSR
47582	CT	AKITA	JAPAN	72406	C	BALTIMORE/B-WASHINGTON, MD.	USA
61437	C	AKJOUJT	MAURITANIA	43295	C	BANGALORE	INDIA
42933	C	AKOLA	INDIA	48455	CT	BANGKOK	THAILAND
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	64650	T	BANGUI	CENTRAL AFRICAN REP
04063	C	AKUREYRI	ICELAND	82784	C	BARBALHA	BRAZIL
48062	C	AKYAB	BURMA	80419	C	BARCELONA	VENEZUELA
40420	C	AL AHSA	SAUDI ARABIA	08181	C	BARCELONA/AEROPUERTO	SPAIN
41055	C	AL BAHA	SAUDI ARABIA	87765	C	BARLOCHE AERO	ARGENTINA
40361	C	AL-JOUF	SAUDI ARABIA	29838	C	BARNAUL	USSR
94802	C	ALBANY AIRPORT	AUSTRALIA	82571	C	BARRA DO CORDA	BRAZIL
72518	C	ALBANY/ALBANY CO., NY.	USA	80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA
06030	C	ALBORG	DENMARK & FAROE IS.	80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
72365	C	ALBUQUERQUE/INTL, NM.	USA	83236	C	BARREIRAS	BRAZIL
31004	C	ALDASI	USSR	70026	C	BARROW/W. POST W. ROGERS, AK.	USA
40007	C	ALEppo	SYRIAN ARAB REP	70086	C	BARTER ISLAND, AK.	USA
71082	C	ALERT, N.W.T.	CANADA	98135	C	BASCO	PHILIPPINES
08359	C	ALICANTE	SPAIN	89057	C	BASE ARTURO PRAT	CHILE
94326	C	ALICE SPRINGS AIRPORT	AUSTRALIA	89059	C	BASE BERNARDO O'HIGGINS	CHILE
42475	C	ALLAHABAD/BAMHRAULI	INDIA	91557	C	BAUERFIELD (EFATE)	Vanuatu
72517	C	ALLENTOWN/A.-BETHLEHEM--., PA.	USA	60571	C	BECHAR	ALGERIA
36870	C	ALMA-ATA	USSR	72412	C	BECKLEY(RALEIGH CTY.MUN), WV.	USA
08487	C	ALMERIA/AEROPUERTO	SPAIN	54511	C	BEIJING	CHINA
44277	C	ALTAI	MONGOLIA	67297	C	BEIRA	MOZAMBIQUE
51076	C	ALTAY	CHINA	60402	C	BEJAIA	ALGERIA
40270	C	AMMAN AIRPORT	JORDAN	82191	C	BELEM	BRAZIL
42071	C	AMRITSAR	INDIA	82193	T	BELEM (AEROPORTO)	BRAZIL
25563	C	ANADYR'	USSR	03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM
70273	C	ANCHORAGE/INTL, AK.	USA	43198	C	BELGAUM/SAMBRA	INDIA
91568	C	ANEITYUM	VANUATU	78583	C	BELIZE/INTL AIRPORT	BELIZE
04360	C	ANGMAQSSALIK	DENMARK	03976	C	BELMULLET	IRELAND
17130	CT	ANKARA/CENTRAL	TURKEY	83587	C	BELO HORIZONTE	BRAZIL
60360	C	ANNABA	ALGERIA	82246	C	BELTERRA	BRAZIL
70398	C	ANNETTE ISLAND, AK.	USA	40180	C	BEN-GURION INTL AIRPORT	ISRAEL
84542	C	ANTA (HUARAZ)	PERU	60602	C	BENI ABES	ALGERIA
17300	C	ANTALYA	TURKEY	60518	C	BENI-SAF	ALGERIA
85442	C	ANTOFAGASTA	CHILE	62053	C	BENINA	LIBYAN ARAB JAMAHIRI
98232	C	APARRI	PHILIPPINES	82410	C	BENJAMIN CONSTANT	BRAZIL
91762	C	APIA	SAMOA	13274	C	BEOGRAD	YUGOSLAVIA
83096	C	ARACAJU	BRAZIL	13275	T	BEOGRAD/ZELENO BRDO	YUGOSLAVIA
48462	C	ARANYAPRATHET	THAILAND	01317	C	BERGEN/FLORIDA	NORWAY
40357	C	ARAR	SAUDI ARABIA	10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP
80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA	40179	T	BET DAGAN	ISRAEL
83579	C	ARAXA	BRAZIL	70219	C	BETHEL/BETHEL AIRPORT, AK.	USA
44288	C	ARBAIHER	MONGOLIA	68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA
84752	C	AREQUIPA	PERU	42971	CT	BHUBANESWAR	INDIA
22550	C	ARHANGEL'SK	USSR	12295	C	BIALYSTOK	POLAND
85406	C	ARICA	CHILE	71848	C	BIG TROUT LAKE, ONT.	CANADA
86330	C	ARTIGAS	URUGUAY	42165	C	BIKANER	INDIA
47407	C	ASAHIKAWA	JAPAN	72677	C	BILLINGS/LOGAN INTL, MT.	USA
38880	C	ASHABAD	USSR	61017	C	BILMA	NIGER
72315	C	ASHEVILLE/REG., NC	USA	72515	C	BINGHAMTON/BROOME CO., NY.	USA

# STATION LIST RECENT DATA

96441	CT	BINTULU	MALAYSIA	38687	C	CARDOZO	USSR
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	72712	C	CARIBOU/MUN., ME.	-USA
61075	C	BIRNI-N'KONNI	NIGER	94300	C	CARNARVON AIRPORT	AUSTRALIA
60525	C	BISKRA	ALGERIA	82765	C	CAROLINA	BRAZIL
72764	C	BISMARCK/MUN., ND.	USA	86580	C	CARRASCO	URUGUAY
15085	C	BISTRITA	ROMANIA	80022	C	CARTAGENA/CRESPO	COLOMBIA
01028	CT	BJORNOYA	NORWAY	78325	C	CASA BLANCA/HABANA	CUBA
31510	C	BLAGOVESCENSK	USSR	60155	C	CASABLANCA	MOROCCO
68442	CT	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	89611	C	CASEY	AUSTRALIA
74492	C	BLUE HILL OBS., MA.	USA	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
65510	C	BOBO-DIOULASSO	BURKINA FASO	87222	C	CATAMARCA AERO.	ARGENTINA
01152	T	BODO	NORWAY	83676	C	CATANDUVA	BRAZIL
01152	C	BODO VI	NORWAY	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
30554	C	BOGDARIN	USSR	94653	C	CEDUNA AIRPORT	AUSTRALIA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	89056	C	CENTRO MET.ANTARTICO"PDTE.	CHILE
41883	C	BOGRA	BANGLADESH	89055	C	CENTRO MET.ANTARTICO"VICEC.	ARGENTINA
29282	C	BOGUCANY	USSR	87257	C	CERES	ARGENTINA
65338	C	BOHICON	BENIN	84444	C	CHACHAPOYAS	PERU
72681	C	BOISE/MUN., ID.	USA	40942	C	CHAKHCHARAN	AFGHANISTAN
83288	C	BOM JESUS DA LAPA	BRAZIL	87320	C	CHAMICAL AERO	ARGENTINA
43057	C	BOMBAY/COLABA	INDIA	48480	C	CHANTHABURI	THAILAND
43003	T	BOMBAY/SANTACRUZ	INDIA	72208	C	CHARLESTON/MUN., SC.	USA
31253	C	BOMNAK	USSR	72414	C	CHARLESTON/YEAGER AP., WV.	USA
65545	C	BONDOKOU	COTE D'IVOIRE	94510	C	CHARLEVILLE AIRPORT	AUSTRALIA
61866	C	BONTHE	SIERRA LEONE	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
23884	C	BOR	USSR	93986	CT	CHATHAM ISLAND	N ZEALAND
91930	C	BORA-BORA	FRENCH POLY.	71717	C	CHATHAM, N.B.	CANADA
07510	C	BORDEAUX/MERIGNAC	FRANCE	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	11406	C	CHEB	CZECHOSLOVAKIA
65516	C	BOROMO	BURKINA FASO	56294	C	CHENGDU	CHINA
72509	C	BOSTON/LOGAN INTL., MA.	USA	87322	C	CHEPES	ARGENTINA
60515	C	BOU-SAADA	ALGERIA	07024	C	CHERBOURG	FRANCE
65555	C	BOUAKÉ	COTE D'IVOIRE	42515	C	CHERRAPUNJI	INDIA
07255	C	BOURGES	FRANCE	72564	C	CHEYENNE, WY.	USA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	41768	C	CHHOR	PAKISTAN
61461	C	BOUTILIMIT	MAURITANIA	48327	CT	CHIANG MAI	THAILAND
83377	C	BRASILIA	BRAZIL	72530	C	CHICAGO/O'HARE, IL.	USA
83378	T	BRASILIA (AEROPORTO)	BRAZIL	47971	CT	CHICHIJIMA	JAPAN
30309	C	BRATSK	USSR	84452	C	CHICLAYO	PERU
07110	C	BREST/GUIPAVAS	FRANCE	84531	C	CHIMBOTE	PERU
16320	C	BRINDISI	ITALY	41978	C	CHITTAGONG (PATENGA)	BANGLADESH
94578	C	BRISBANE AIRPORT	AUSTRALIA	60425	C	CHLEF	ALGERIA
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	44259	C	CHOIBALSAN	MONGOLIA
94203	C	BROOME AIRPORT	AUSTRALIA	47648	C	CHOSHI	JAPAN
72250	C	BROWNSVILLE/INTL., TX.	USA	93780	C	CHRISTCHURCH AIRPORT	N ZEALAND
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	48517	C	CHUMPHON	THAILAND
15420	T	BUCURESTI/IMH	ROMANIA	47014	C	CHUNGGANG	DPR KOREA
12843	CT	BUDAPEST/LORINC	HUNGARY	71913	C	CHURCHILL, MAN.	CANADA
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	38262	C	CIMBAJ	USSR
80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA	72421	C	CINCINNATI/GREATER CIN., OH.	USA
87585	C	BUENOS AIRES (OBS. CENTRAL)	ARGENTINA	30758	C	CITA	USSR
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	15120	CT	CLUJ-NAPOCA	ROMANIA
67964	C	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	71090	C	CLYDE, N.W.T.	CANADA
44239	C	BULGAN	MONGOLIA	82425	C	COARI	BRAZIL
15655	C	BURGAS	BULGARIA	76741	C	COATZACOALCOS, VER.	MEXICO
72617	C	BURLINGTON/INTL., VT.	USA	94711	C	COBAR	AUSTRALIA
17116	C	BURSA	TURKEY	43353	T	COCHIN/WILLINGDON	INDIA
16560	C	CAGLIARI/ELMAS	ITALY	96996	C	COCOS ISLAND AIRPORT	ISLANDS
94287	C	CAIRNS AIRPORT	AUSTRALIA	94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA
62366	C	CAIRO	EGYPT	21946	C	COKURDAH	USSR
84472	C	CAJAMARCA	PERU	70316	C	COLD BAY, AK.	USA
42807	C	CALCUTTA/ALIPORE	INDIA	43466	C	COLOMBO	SRI LANKA
42809	T	CALCUTTA/DUM DUM	INDIA	86560	C	COLONIA	URUGUAY
80259	C	CALI/PALMASECA	COLOMBIA	76458	C	COLONIA JUAN CARRASCO MAZ.	MEXICO
71925	C	CAMBRIDGE BAY, N.W.T.	CANADA	72310	C	COLUMBIA, SC.	USA
93944	CT	CAMPBELL ISLAND	N ZEALAND	72445	C	COLUMBIA/REGIONAL, MO.	USA
83611	C	CAMPO GRANDE	BRAZIL	72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA
83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
83698	C	CAMPOS	BRAZIL	61832	C	CONAKRY/GBESSION	GUINEA
17112	C	CANAKKALE	TURKEY	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
94926	C	CANBERRA AIRPORT	AUSTRALIA	86134	C	CONCEPCION	PARAGUAY
72304	C	CAPE HATTERAS, NC.	USA	72605	C	CONCORD/MUN., NH.	USA
68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA	87395	C	CONCORDIA AERO	ARGENTINA
83592	C	CARATINGA	BRAZIL	72458	C	CONCORDIA/BLOSSER MUN., KS.	USA
83498	C	CARAVELAS	BRAZIL	15480	T	CONSTANTA	ROMANIA
03715	C	CARDIFF-WALES AIRPORT	U KINGDOM	60419	C	CONSTANTINE	ALGERIA

# STATION LIST RECENT DATA

71938	C	COPPERMINE, N.W.T.	CANADA	71879	C	EDMONTON MUNICIPAL, ALTA.	CANADA
71915	C	CORAL HARBOUR, N.W.T.	CANADA	04220	C	EGEDESMINDE	DENMARK
87344	C	CORDOBA AERO	ARGENTINA	40199	C	EILAT	ISRAEL
03955	C	CORK AIRPORT	IRELAND	60590	C	EL GOLEA	ALGERIA
72251	C	CORPUS CHRISTI/INTL, TX.	USA	60540	C	EL KHEITER	ALGERIA
87166	C	CORRIENTES AERO.	ARGENTINA	62771	C	EL OBEID	SUDAN
83552	C	CORUMBA	BRAZIL	60559	C	EL QUED	ALGERIA
65344	C	COTONOU	BENIN	72270	C	EL PASO/INTL, TX.	USA
41992	C	COX'S BAZAR	BANGLADESH	84179	C	EL PUZO	ECUADOR
83512	C	COXIM	BRAZIL	60367	C	EL-KALA	ALGERIA
82583	C	CRATEUS	BRAZIL	60550	C	ELBAYADH	ALGERIA
03774	T	CRAWLEY	U KINGDOM	12160	C	ELBLAG	POLAND
82704	C	CRUZEIRO DO SUL	BRAZIL	63686	C	ELDORET	KENYA
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	72486	C	ELY/YELLAND, NV.	USA
83361	C	CUIABA	BRAZIL	10203	C	EMDEN-HAFEN	GERMANY, FED REP
83842	C	CURITIBA	BRAZIL	86297	C	ENCARNACION	PARAGUAY
83840	T	CURITIBA (AEROPORTO)	BRAZIL	29263	C	ENISEJSK	USSR
84686	C	CUZCO	PERU	24817	C	ERBOGACEN	USSR
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	53068	C	ERENHOT	CHINA
98325	C	DAGUPAN	PHILIPPINES	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
61641	CT	DAKAR/YOFF	SENEGAL	17092	C	ERZINCAN	TURKEY
62432	C	DAKHLA	EGYPT	03162	C	ESKDALEMUIR	U KINGDOM
41712	C	DAL BANDIN	PAKISTAN	94638	C	ESPERANCE	AUSTRALIA
44373	C	DALANZADGAD	MONGOLIA	88963	C	ESPERANZA B.E.	ARGENTINA
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	87803	C	ESQUEL AERO	ARGENTINA
65560	C	DALOA	COTE D'IVOIRE	24105	C	ESSEJ	USSR
42587	C	DALTONGANJ	INDIA	10410	CT	ESSEN	GERMANY, FED REP
40080	C	DAMASCUS NEW INTL AIRPORT	SYRIAN ARAB REP	72594	C	EUREKA, CA.	USA
62805	C	DAMAZINE	SUDAN	71917	C	EUREKA, N.W.T.	CANADA
04320	C	DANMARKSHAVN	DENMARK	72432	C	EVANSVILLE/REG., IN.	USA
65351	C	DAPAO	TOGO	87576	C	EZEIZA AERO	ARGENTINA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	65507	C	FADA N'GOURMA	BURKINA FASO
60390	C	DAR-EL-BEIDA	ALGERIA	70261	C	FAIRBANKS/INTL, AK.	USA
42391	C	DARBHANGA	INDIA	16191	C	FALCONARA	ITALY
61891	C	DARU	SIERRA LEONE	89063	C	FARADAY (ARGENTINE ISLAND)	U KINGDOM
94120	C	DARWIN AIRPORT	AUSTRALIA	72753	C	FARGO/HECTOR FIELD, ND.	USA
89571	C	DAVIS	AUSTRALIA	11155	C	FEUERKOGL	AUSTRIA
72429	C	DAYTON/JAMES M. COX DAY..OH.	USA	09578	C	FICHTELBERG	GERMAN DEM REP
06260	CT	DE BILT	NETHERLANDS	72637	C	FLINT/BISHOP, MI.	USA
12882	C	DEBRECEN	HUNGARY	82678	C	FLORIANO	BRAZIL
40045	C	DEIR EZZOR	SYRIAN ARAB REP	83897	C	FLORIANOPOLIS	BRAZIL
72469	C	DENVER/STAPLETON INTL, CO.	USA	82212	C	FONTE BOA	BRAZIL
41624	C	DERA ISMAIL KHAN	PAKISTAN	87162	C	FORMOSA AERO	ARGENTINA
72546	C	DES MOINES/MUN., IA.	USA	94646	C	FORREST AIRPORT	AUSTRALIA
72537	C	DETROIT/METROPOLITAN, MI.	USA	71945	C	FORT NELSON, B.C.	CANADA
40416	C	DHAHRAN	SAUDI ARABIA	38001	C	FORT SEVENCNO	USSR
41923	C	DHAKA	BANGLADESH	71934	C	FORT SMITH, N.W.T.	CANADA
42314	C	DIBRUGARH/MOHANBARI	INDIA	72344	C	FORT SMITH/MUN., AR.	USA
07280	C	DIJON	FRANCE	72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA
65562	C	DIMBOKRO	COTE D'IVOIRE	82397	C	FORTALEZA	BRAZIL
61666	C	DIOURBEL	SENEGAL	72389	C	FRESNO/AIR TERM., CA.	USA
63471	C	DIRE DAWA	ETHIOPIA	71909	C	FROBISHER BAY, N.W.T.	CANADA
17280	CT	DIYARBAKIR	TURKEY	47807	CT	FUKUOKA	JAPAN
60670	C	DJANET	ALGERIA	91643	CT	FUNAFUTI	N ZEALAND
60535	C	DJELFA	ALGERIA	08522	CT	FUNCHAL	MADEIRA
72451	C	DODGE CITY/MUN., KS.	USA	65557	C	GAGNOA	COTE D'IVOIRE
63862	C	DODOMA	U REP TANZANIA	83746	T	GALEAO	BRAZIL
41170	C	DOHA INTERNATIONAL AIRPORT	QATAR	72242	C	GALVESTON, TX.	USA
87648	C	DOLORES AERO	ARGENTINA	71803	C	GANDER INTL AIRPORT, NFLD.	CANADA
62650	C	DONGOLA	SUDAN	57993	C	GANZHOU	CHINA
65501	C	DORI	BURKINA FASO	65522	C	GAOUA	BURKINA FASO
64910	C	DOUALA OBS.	REP CAMEROON	63723	C	GARISSA	KENYA
09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP	40405	C	GASSIM	SAUDI ARABIA
03969	C	DUBLIN AIRPORT	IRELAND	42410	CT	GAUHATI	INDIA
52836	C	DULAN	CHINA	80241	CT	GAVIOTAS	COLOMBIA
72745	C	DULUTH/INTL, MN.	USA	61099	C	GAYA	NIGER
42599	C	DUMKA	INDIA	17260	C	GAZIANTEP	TURKEY
89642	C	DUMONT D'URVILLE	FRANCE	10628	C	GEISENHEIM	GERMANY, FED REP
68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA	87619	C	GENERAL ACHA	ARGENTINA
42731	C	DWARKA	INDIA	89034	C	GENERAL BELGRANO II B.E.	ARGENTINA
67005	C	DZAOUUDZI/PAMANZI (MAYOTTE)	COMOROS	87532	C	GENERAL PICO AERO	ARGENTINA
24143	C	DZARDZAN	USSR	89066	C	GENERAL SAN MARTIN B.E.	ARGENTINA
68858	C	EAST LONDON	SOUTH AFRICA	06700	C	GENEVE-COINTRIN	SWITZ. LIECH.
94907	C	EAST SALE AERODROME	AUSTRALIA	68828	C	GEORGE AIRPORT	SOUTH AFRICA
03160	C	EDINBURGH AIRPORT	U KINGDOM	81001	C	GEORGETOWN	GUYANA
17050	C	EDIRNE	TURKEY	94403	C	GERALDTON AIRPORT	AUSTRALIA

# STATION LIST RECENT DATA

60566	C	GHARDAIA	ALGERIA	23219	C	HOSEDA-HARD	USSR
08495	CT	GIBRALTAR	GIBRALTAR	51828	C	HOTAN	CHINA
94461	C	GILES	AUSTRALIA	72243	C	HOUSTON/INTERCONTINENTAL, TX.	USA
93291	C	GISBORNE AERODROME	N ZEALAND	84564	C	HUANUCO	PERU
41140	C	GIZAN	SAUDI ARABIA	72425	C	HUNTINGTON/TRI-STATE, WV.	USA
94380	C	GLADSTONE	AUSTRALIA	72654	C	HURON/HURON REGIONAL, SD.	USA
72768	C	GLASGOW/INTL, MT.	USA	41765	C	HYDERABAD	PAKISTAN
20292	C	GMO IM.E.K. FEDOROVA	USSR	43128	CT	HYDERABAD AIRPORT	INDIA
43192	CT	GOA/PANJIM	INDIA	47016	C	HYESAN	DPR KOREA
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	15090	C	IASI	ROMANIA
04250	C	GOTHAB	DENMARK	80214	C	IBAGUE/PERALES	COLOMBIA
09499	C	GOERLITZ	GERMAN DEM REP	32411	C	ICA	USSR
63331	C	GONDAR	ETHIOPIA	87097	C	IGUAZU AERO	ARGENTINA
72465	C	GOODLAND/RENNER FIELD/, KS.	USA	61972	C	ILE EUROPA	FRANCE
71816	C	GOOSE, NFLD.	CANADA	61970	C	ILE JUAN DE NOVA	FRANCE
02512	C	GOTEBOORG/SAVE	SWEDEN	61968	C	ILES GLORIEUSES	FRANCE
68906	CT	GOUGH ISLAND	SOUTH AFRICA	25248	C	ILIRNEJ	USSR
61045	C	GOURE	NIGER	60640	C	ILLIZI	ALGERIA
94150	C	GOVE AIRPORT	AUSTRALIA	98637	C	ILOILO	PHILIPPINES
72476	C	GRAND JUNCTION/WALKER F., CO.	USA	31416	C	IM POLINY OSIPENKO	USSR
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	60611	C	IN AMENAS	ALGERIA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	60630	C	IN SALAH	ALGERIA
72775	C	GREAT FALLS/INTL, MT.	USA	47112	C	INCHON	REP KOREA
72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA	72438	C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	42754	C	INDORE	INDIA
72312	C	GREENVILLE/G-SPARTANBURG, SC.	USA	67323	C	INHAMBAANE	MOZAMBIQUE
09184	C	GREIFSWALD	GERMAN DEM REP	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
76612	C	GUADALAJARA, JAL.	MEXICO	72747	C	INT. FALLS/FALLS INTL, MN.	USA
87497	C	GUALEGUAYCHU AERO	ARGENTINA	71907	C	INUUKUAK, QUE.	CANADA
91217	C	GUAM, MARIANA IS.	USA	71957	C	INUVIK, N.W.T.	CANADA
76577	C	GUANAJUATO, GTO.	MEXICO	93844	CT	INVERCARGILL AERODROME	N ZEALAND
59287	C	GUANGZHOU	CHINA	80370	C	IPIALES/SAN LUIS	COLOMBIA
02128	C	GUNNARN	SWEDEN	84377	C	IQUITOS	PERU
35700	C	GUR'EV	USSR	83881	C	IRAI	BRAZIL
40360	C	GURIAT	SAUDI ARABIA	83836	C	IRATI	BRAZIL
40250	C	H-4 'IRWAISHED'	JORDAN	30710	C	IRKUTSK	USSR
31735	C	HABAROVSK	USSR	47918	CT	ISHIGAKIJIMA	JAPAN
47678	C	HACHIJOOJIMA	JAPAN	85469	C	ISLA DE PASCUA	CHILE
47678	T	HACHIJOOJIMA/OMURE	JAPAN	85585	C	ISLA ROBINSON CRUSOE	CHILE
47069	C	HAEJU	DPR KOREA	88968	C	ISLAS ORCADAS O.N. (OBS.)	ARGENTINA
40373	C	HAFR AL-BATIN	SAUDI ARABIA	17240	CT	ISPARTA	TURKEY
59758	C	HAIKOU	CHINA	17062	CT	ISTANBUL/GOZTEPE	TURKEY
40394	C	HAIL	SAUDI ARABIA	17220	C	IZMIR	TURKEY
50527	C	HAILAR	CHINA	84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR
71081	C	HALL BEACH, N.W.T.	CANADA	47800	C	IZUHARA	JAPAN
89022	C	HALLEY	U KINGDOM	82640	C	JACAREACANGA	BRAZIL
94212	C	HALLS CREEK AIRPORT	AUSTRALIA	87305	C	JACHAL	ARGENTINA
40030	C	HAMA	SYRIAN ARAB REP	72235	C	JACKSON/ALLEN C. THOMP., MS.	USA
43497	C	HAMBANTOTA	SRI LANKA	72206	C	JACKSONVILLE/INTL, FL.	USA
10147	C	HAMBURG-FUHLSBUETTEL	GERMANY, FED REP	41715	C	JACOBABAD	PAKISTAN
52203	C	HAMI	CHINA	83186	C	JACOBINA	BRAZIL
10338	CT	HANNOVER	GERMANY, FED REP	43041	C	JAGDALPUR	INDIA
23933	C	HANTY-MANSIJSK	USSR	96747	C	JAKARTA HALIM PERDANAKUSUMA	INDONESIA
91944	CT	HAO	FRENCH POLY.	96749	C	JAKARTA/SOEKARNOHATTA	INDONESIA
02196	C	HAPARANDA	SWEDEN	24959	C	JAKUTSK	USSR
34300	C	HARY'KOV	USSR	01001	CT	JAN MAYEN	NORWAY
67775	C	HARARE (KUTSAGA)	ZIMBABWE	68368	C	JAN SMUTS	SOUTH AFRICA
02361	C	HARNOSAND	SWEDEN	41024	C	JEDDAH/ING ABDUL AZIZ IAP)	SAUDI ARABIA
72508	C	HARTFORD/BRADLEY INTL, CT.	USA	40184	C	JERUSALEM	ISRAEL
60581	C	HASSI-MESSAOUD	ALGERIA	41936	C	JESSORE	BANGLADESH
20891	C	HATANGA	USSR	41598	C	JHELM	PAKISTAN
78988	CT	HATO AIRPORT,CURACAO	CURACAO BONAIRE	60351	C	JIJEL	ALGERIA
72772	C	HELENA/COUNTY-CITY, MT.	USA	63402	C	JIMMA	ETHIOPIA
02974	C	HELSINKI-VANTAA	FINLAND	52533	C	JIUQUAN	CHINA
62378	C	HELWAN	Egypt	41756	C	JIWANI	PAKISTAN
16754	C	HERAKLION	GREECE	42339	CT	JODHPUR	INDIA
40938	C	HERAT	AFGHANISTAN	02929	C	JOENSUU	FINLAND
91945	C	HEREHERETUE	FRENCH POLY.	02963	CT	JOKIOINEN	FINLAND
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	02550	C	JONKOPING FLYGPLATS	SWEDEN
91285	C	HILO/GEN. LYMAN, HAWAII,	USA	78762	CT	JUAN SANTAMARIA	COSTA RICA
47765	C	HIROSHIMA	JAPAN	84474	C	JUANJUI	PERU
04082	C	HJARDARNES	ICELAND	83692	C	JUIZ DE FORA	BRAZIL
94975	C	HOBART AIRPORT	AUSTRALIA	87046	C	JUJUY AERO	ARGENTINA
93614	C	HOKITIKA AERODROME	N ZEALAND	84735	C	JULIACA	PERU
91182	C	HONOLULU, OAHU, HAWAII	USA	78866	CT	JULIANA AIRPORT, ST. MAARTEN ST. MAARTEN, ST. EUST.	ARGENTINA
08506	C	HORTA (ACORES)	PORTUGAL	87548	C	JUNIN AERO	ARGENTINA

# STATION LIST RECENT DATA

32150	C	JUZNO-SAHALINSK	USSR	96413	CT	KUCHINC	MALAYSIA
02935	CT	JYVASKyla	FINLAND	62271	C	KUFRA	LIBYAN ARAB JAMAHIRI
61886	C	KABALA	SIERRA LEONE	56778	C	KUNMING	CHINA
40948	CT	KABUL AIRPORT	AFGHANISTAN	28952	C	KUSTANAJ	USSR
67663	C	KABWE	ZAMBIA	71906	C	KUUJJUAQ, QUE.	CANADA
47827	C	KAGOSHIMA	JAPAN	02869	C	KUUSAMO	FINLAND
47827	T	KAGOSHIMA/YOSHINO	JAPAN	40582	CT	KUWAIT INTL AIRPORT	KUWAIT
93012	CT	KAITAIA	N ZEALAND	91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA
02897	C	KAJAANI	FINLAND	33393	C	L'VOV	USSR
30469	C	KALAKAN	USSR	08001	C	LA CORUNA	SPAIN
16726	C	KALAMATA	GREECE	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
94637	C	KALGOORLIE AIRPORT	AUSTRALIA	87217	C	LA RIOJA AERO.	ARGENTINA
25744	C	KAMENSKOE	USSR	85488	C	LA SERENA	CHILE
40001	C	KAMISHLI	SYRIAN ARAB REP	87534	C	LABOULEAYE	ARGENTINA
67586	C	KAMUZU INTL.	MALAWI	68476	C	LADYSMITH	SOUTH AFRICA
47605	C	KANAZAWA	JAPAN	60545	C	LAGHOUAT	ALGERIA
65306	C	KANDI	BENIN	87903	C	LAGO ARGENTINO AERO	ARGENTINA
47105	C	KANGNUNG	REP KOREA	65202	T	LAGOS/OSHODI	NIGERIA
22165	C	KANIN NOS	USSR	41640	C	LAHORE CITY	PAKISTAN
72446	C	KANSAS CITY, INTL, MO.	USA	72240	C	LAKE CHARLES/MUN., LA.	USA
61679	C	KAOLACK	SENEGAL	72576	C	LANDER/HUNT, WY.	USA
04340	C	KAP TOBIN	DENMARK	52889	C	LANZHOU	CHINA
71831	C	KAPUSKASING, ONT.	CANADA	98223	C	LAOAG	PHILIPPINES
41780	C	KARACHI AIRPORT	PAKISTAN	02958	C	LAPPEENRANTA	FINLAND
35394	C	KARAGANDA	USSR	16648	C	LARISSA	GREECE
02080	C	KARESUANDO	SWEDEN	87078	C	LAS LOMITAS	ARGENTINA
02418	C	KARLSTAD FLYGPLATS	SWEDEN	72386	C	LAS VEGAS/MCCARRAN, NV.	USA
67475	C	KASAMA	ZAMBIA	40022	C	LATTAKIA	SYRIAN ARAB REP
51709	C	KASHI	CHINA	94865	C	LAVERTON AERODROME	AUSTRALIA
10438	C	KASSEL	GERMANY, FED REP	78925	C	LE LAMENTIN	MARTINIQUE
17074	C	KASTAMONU	TURKEY	78987	CT	LE RAIZET, GUADELOUPE	ST. MARTIN, ST. BARTH.
44454	C	KATHMANDU AIRPORT	NEPAL	94302	C	LEARMONTH AIRPORT	AUSTRALIA
26629	C	KAUNAS	USSR	12120	CT	LEBA	POLAND
27595	C	KAZAN'	USSR	03257	C	LEEMING	U KINGDOM
61699	C	KEDDOUGOU	SENEGAL	98444	C	LEGASPI	PHILIPPINES
04018	CT	KEFLAVIK	ICELAND	12374	T	LEGIONOWO	POLAND
97146	C	KENDARI/WOLTERMONGINSISI	INDONESIA	09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP
16641	C	KERKYRA	GREECE	83242	C	LENCOIS	BRAZIL
02805	C	KEVO	FINLAND	26063	C	LENINGRAD (TOWN/VILLE)	USSR
72201	C	KEY WEST/INTL, FL.	USA	03005	CT	LERWICK	U KINGDOM
41114	C	KHAMIS MUSHAIT	SAUDI ARABIA	71874	C	LETHBRIDGE, ALTA.	CANADA
62721	CT	KHARTOUM	SUDAN	80398	C	LETICIA/VASQUEZ COBO	COLOMBIA
33345	C	KIEV	USSR	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
61498	C	KIFFA	MAURITANIA	67217	C	LICHINGA	MOZAMBIQUE
64387	C	KIGALI	RWANDA	91165	C	LIHUE, KAUAI, HAWAII	USA
02801	C	KILPISJARVI	FINLAND	84628	C	LIMA-CALLAO/AEROP. INTL	PERU
68438	C	KIMBERLEY	SOUTH AFRICA	07434	C	LIMOGES	FRANCE
47025	C	KIMCHAEK	DPR KOREA	09393	C	LINDBERG	GERMAN DEM REP
40437	C	KING KHALED INTL AIRPORT	SAUDI ARABIA	61627	C	LINGUERE	SENEGAL
70326	C	KING SALMON, AK.	USA	08535	C	LISBOA	PORTUGAL
45004	T	KING'S PARK	HONG KONG	08579	T	LISBOA/GAGO COUTINHO	PORTUGAL
78397	C	KINGSTON/NORMAN MANLEY	JAMAICA	67743	C	LIVINGSTONE	ZAMBIA
30230	C	KIRENSK	USSR	84270	C	LOJA/LA ARGELIA	ECUADOR
27196	C	KIROV	USSR	15511	C	LOM	BULGARIA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	65387	C	LOME	TOGO
72326	C	KNOXVILLE/MUN., TN.	USA	03776	C	LONDON/GATWICK AIRPORT	U KINGDOM
06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK & FAROE IS.	83766	C	LONDrina	BRAZIL
47893	C	KOCHI	JAPAN	94346	C	LONGREACH AIRPORT	AUSTRALIA
61698	C	KOLDA	SENEGAL	94995	C	LORD HOWE ISLAND	AUSTRALIA
29231	C	KOLPASEV	USSR	72295	C	LOS ANGELES/INTL, CA.	USA
10929	C	KONSTANZ	GERMANY, FED REP	72423	C	LOUISVILLE/STANDIFORD, KY.	USA
25954	C	KORF	USSR	72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA
65536	C	KORHOGO	COTE D'IVOIRE	42369	T	LUCKNOW/AMAUSI	INDIA
91408	C	KOROR, PALAU IS.	USA	06770	C	LUGANO	SWITZ. LIECH.
42452	C	KOTA AERODROME	INDIA	61856	C	LUNGI	SIERRA LEONE
48615	CT	KOTA BHARU	MALAYSIA	16597	C	LUQA	MALTA
96471	CT	KOTA KINABALU	MALAYSIA	67666	T	LUSAKA CITY AIRPORT	ZAMBIA
70133	C	KOTZEBUE, RALPH WIEN, AK.	USA	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	07480	C	LYON/BRON	FRANCE
43314	C	KOZHIKODE	INDIA	60467	C	M'SILA	ALGERIA
29574	C	KRASNOJARSK	USSR	40310	C	MA'AN	JORDAN
38507	C	KRASNOVODSK	USSR	45011	C	MACAO	MACAU
64971	C	KRIBI	REP CAMEROON	82098	C	MACAPA	BRAZIL
48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA	43185	C	MACHILIPATNAM (FRANCHPET)	INDIA
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	94367	C	MACKAY	AUSTRALIA
48657	CT	KUANTAN	MALAYSIA	72217	C	MACON/LEWIS B. WILSON, GA.	USA

# STATION LIST RECENT DATA

94998	C	MACQUARIE ISLAND	AUSTRALIA	47585	C	MIYAKO	JAPAN
98646	C	MACTAN	PHILIPPINES	47927	C	MIYAKOJIMA	JAPAN
94014	C	MADANG M.O.	PAPUA N GUINEA	47830	C	MIYAZAKI	JAPAN
40430	C	MADINAH	SAUDI ARABIA	72223	C	MOBILE/BATES FIELD, AL.	USA
72641	C	MADISON/DANE COUNTY REG., WI.	USA	30673	C	MOGOMA	USSR
43279	CT	MADRAS/MINAMBAKKAM	INDIA	47165	C	MOKP'O	REP KOREA
08222	C	MADRID	SPAIN	72544	C	MOLINE/QUAD CITY, IL.	USA
47624	C	MAEBASHI	JAPAN	94044	C	MOMOTE M.O.	PAPUA N GUINEA
40265	T	MAFRAO	JORDAN	67633	C	MONGU	ZAMBIA
61091	C	MAGARIA	NIGER	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
60522	C	MAGHNIA	ALGERIA	72226	C	MONTGOMERY/DANNELLY, AL.	USA
61096	C	MAINE-SOROA	NIGER	71627	C	MONTREAL/DORVAL INTL, QUE.	CANADA
91376	C	MAJURO/MARSHALL IS. INTL	USA	71836	C	MOOSONEE, ONT.	CANADA
41030	C	MAKKAH	SAUDI ARABIA	94527	C	MOREE	AUSTRALIA
48665	C	MALACCA	MALAYSIA	27612	C	MOSKVA	USSR
87506	C	MALARQUE AERO	ARGENTINA	60457	C	MOSTAGANEM	ALGERIA
03980	C	MALIN HEAD	IRELAND	71072	C	MOULD BAY A, N.W.T.	CANADA
63799	C	MALINDI	KENYA	63619	C	MOYALE	KENYA
64890	C	MAMFE	REP CAMEROON	94821	C	MT GAMBIER AIRPORT	AUSTRALIA
65548	C	MAN	COTE D'IVOIRE	94332	C	MT ISA AIRPORT	AUSTRALIA
82331	C	MANAUS	BRAZIL	63971	C	MTWARA	U REP TANZANIA
82332	T	MANAUS (AEROPORTO)	BRAZIL	10868	T	MUENCHEN-OBERSCHLEISHEIM	GERMANY, FED REP
03334	C	MANCHESTER AIRPORT	U KINGDOM	10866	C	MUENCHEN-RIEM	GERMANY, FED REP
48042	C	MANDALAY	BURMA	17292	C	MUGLA	TURKEY
44341	C	MANDALGOVI	MONGOLIA	42147	C	MUKTESWAR KUMAON	INDIA
65352	C	MANGO	TOGO	41675	C	MULTAN	PAKISTAN
98429	C	MANILA INTL AIRPORT	PHILIPPINES	44231	C	MUREN	MONGOLIA
71722	C	MANIWAKI, QUE.	CANADA	22113	C	MURMANSK	USSR
43413	C	MANNAR	SRI LANKA	72636	C	MUSKEGON/COUNTY, MI.	USA
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	48008	C	MYITKYINA	BURMA
87774	C	MAQUINCHAO	ARGENTINA	23146	C	MYS KAMENNYJ	USSR
87692	C	MAR DEL PLATA AERO	ARGENTINA	25173	C	MYS SMDITA	USSR
82562	C	MARABA	BRAZIL	25399	C	MYS UELEN	USSR
61080	C	MARADI	NIGER	61049	C	N'GUIGMI	NIGER
87467	C	MARCOS JUAREZ AERO	ARGENTINA	72340	C	N. LITTLE ROCK/MUN. APRT., AR.	USA
16325	C	MARINA DI GINOSA	ITALY	47817	C	NAGASAKI	JAPAN
68994	CT	MARION ISLAND	SOUTH AFRICA	47636	C	NAGOYA	JAPAN
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	42867	CT	NAGPUR SONEGAON	INDIA
72743	C	MARQUETTE, MI.	USA	47936	CT	NAHA	JAPAN
60230	C	MARRAKECH	MOROCCO	63741	T	NAIROBI/DAGORETTI	KENYA
07650	C	MARSEILLE/MARIGNANE	FRANCE	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
41288	C	MASIRAH	OMAN	41128	C	NAJRAN	SAUDI ARABIA
61630	C	MATAM	SENEGAL	48431	C	NAKHON RATCHASIMA	THAILAND
47618	C	MATSUMOTO	JAPAN	48400	C	NAKHON SAWAN	THAILAND
89564	C	MAWSON	AUSTRALIA	67237	C	NAMPULA	MOZAMBIQUE
40911	C	MAZAR-I-SHARIF	AFGHANISTAN	58606	C	NANCHANG	CHINA
70231	C	MCGRATH, AK.	USA	07180	C	NANCY/ESSEY	FRANCE
89664	C	MCMURDO	USA	91680	CT	NANDI	FIJI
60549	C	MECHERIA	ALGERIA	59431	C	NANNING	CHINA
96035	C	MEDAN/POLONIA	INDONESIA	07222	C	NANTES	FRANCE
72597	C	MEDFORD/MEDFORD-JACKSON, OR.	USA	23205	C	NAR'JAN-MAR	USSR
94430	C	MEEKATHARRA AIRPORT	AUSTRALIA	72327	C	NASHVILLE/OLD HICKORY, TN.	USA
09548	C	MEININGEN	GERMAN DEM REP	78073	C	NASSAU AIRPORT	BAHAMAS
60150	C	MEKNES	MOROCCO	82599	T	NATAL	BRAZIL
86440	C	MELO	URUGUAY	65319	C	NATITINGOU	BENIN
97014	C	MENADO/DR. SAM RATULANGI	INDONESIA	91683	C	NAUSORI	FIJI
87418	C	MENDOZA AERO	ARGENTINA	47909	C	NAZE	JAPAN
56985	C	MENGZI	CHINA	47909	T	NAZE/FUNCHATOGUE	JAPAN
08314	C	MENORCA/MAHON	SPAIN	80315	C	NEIVA/LA MANGUITA	COLOMBIA
86490	C	MERCEDES	URUGUAY	61497	C	NEMA	MAURITANIA
72234	C	MERIDIAN/KEY, MS.	USA	47420	CT	NEMURO	JAPAN
16420	C	MESSINA	ITALY	87715	C	NEUQUEN AERO	ARGENTINA
72202	C	MIAMI, FL.	USA	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
72265	C	MIDLAND/MIDLAND REG., TX.	USA	72231	C	NEW ORLEANS, LA	USA
84202	C	MILAGRO	ECUADOR	93308	C	NEW PLYMOUTH AERODROME	N ZEALAND
94693	C	MILDURA AIRPORT	AUSTRALIA	72503	C	NEW YORK/LA GUARDIA, NY.	USA
60430	C	MILIANA	ALGERIA	64870	C	NGAOUNDERE	REP CAMEROON
72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA	61052	CT	NIAMEY-AERO	NIGER
47945	CT	MINAMIDAITOJIMA	JAPAN	07690	C	NICE	FRANCE
47991	CT	MINAMITORISHIMA	JAPAN	47604	C	NIIGATA	JAPAN
43369	CT	MINICOY	INDIA	02942	C	NIINISALO	FINLAND
72658	C	MINNEAPOLIS/ST. PAUL INTL, MN.	USA	32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR
26850	C	MINSK	USSR	31369	C	NIKOLAEVSK-NA-AMURE	USSR
29866	C	MINUSINSK	USSR	07645	C	NIMES/COURBESSAC	FRANCE
12772	C	MISKOLC	HUNGARY	23724	C	NJAKSIMVOL'	USSR
72773	C	MISSOULA/JOHNSON-BELL F., MT.	USA	61878	C	NJALA	SIERRA LEONE

# STATION LIST RECENT DATA

70200	C	NOME, AK.	USA	72408	C	PHILADELPHIA/INTL, PA.	USA
04312	C	NORD ADS	DENMARK	48378	C	PHITSANULOK	THAILAND
94996	C	NORFOLK ISLAND AIRPORT	AUSTRALIA	72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA
72308	C	NORFOLK/INTL, VA.	USA	78970	C	PIARCO INTL AIRPORT,TRINIDAD	TRINIDAD TOBAGO
72556	C	NORFOLK/KARL STEFAN, NE.	USA	84140	C	PICHILINGUE	ECUADOR
71043	C	NORMAN WELLS, N.W.T.	CANADA	68174	C	PIETERSBURG	SOUTH AFRICA
71731	C	NORTH BAY, ONT.	CANADA	87679	C	PIGUE AERO	ARGENTINA
72562	C	NORTH PLATTE/LEE BIRD, NE.	USA	86255	C	PILAR	PARAGUAY
61415	CT	NOUADHIBOU	MAURITANIA	87349	C	PILAR OBSERVATORIO	ARGENTINA
61442	C	NOUAKCHOTT	MAURITANIA	16158	C	PISA/S. GIUSTO	ITALY
91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA	84691	C	PISCO	PERU
10763	C	NUERNBERG	GERMANY, FED REP	72520	C	PITTSBURGH/GREATER PITT.,PA.	USA
84132	C	NUEVO ROCAFUERTE	ECUADOR	84401	C	PIURA	PERU
33837	C	ODESSA	USSR	37050	C	PJATIGORSK	USSR
65528	C	ODIENNE	COTE D'IVOIRE	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
31088	C	OHOTSK	USSR	03827	C	PLYMOUTH/MOUNT BATTE	U KINGDOM
47815	C	OITA	JAPAN	72578	C	POCATELLO/NUM., ID.	USA
24688	C	OJMJAKON	USSR	61612	C	PODOR	SENEGAL
72353	C	OKLAHOMA CITY/W.R.WORLD, OK.	USA	20046	C	POLAR GMD IM.E.T.KRENKELJA	USSR
24125	C	OLENEK	USSR	91348	C	PONAPE, CAROLINE ISLANDS.	USA
72792	C	OLYMPIA, WA.	USA	08513	C	PONTA DELGADA (ACORES)	PORTUGAL
47655	C	OMAEZAKI	JAPAN	83702	C	PONTA PORA	BRAZIL
72553	C	OMAHA, NE.	USA	96581	C	PONTIANAK/SUPADIO	INDONESIA
28698	C	OMSK	USSR	43063	C	POONA	INDIA
87016	C	ORAN AERO	ARGENTINA	11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA
60490	C	ORAN/ES SENIA	ALGERIA	11934	C	POPRAD/TATRY	CZECHOSLOVAKIA
35121	C	ORENBURG	USSR	43333	CT	PORT BLAIR	INDIA
01241	T	ORLAND	NORWAY	68842	CT	PORT ELIZABETH	SOUTH AFRICA
01241	C	ORLAND III	NORWAY	71109	C	PORT HARDY, B.C.	CANADA
72205	C	ORLANDO/JETPORT/ FL.	USA	94312	C	PORT HEDLAND AIRPORT	AUSTRALIA
47772	C	OSAKA	JAPAN	94035	C	PORT MORESBY M.O.	PAPUA N GUINEA
01384	CT	OSLO/GARDERMOEN	NORWAY	62641	C	PORT SUDAN	SUDAN
02226	C	OSTERSUND/FROSON	SWEDEN	78437	C	PORT-AU-PRINCE (DAMIEN)	HAITI
11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA	72606	C	PORTLAND/INTL JET PORT, ME.	USA
21965	C	OSTROV CETYREH-STOLBOVOJ	USSR	72698	C	PORTLAND/INTL, OR.	USA
20674	C	OSTROV DIKSON	USSR	83967	C	PORTO ALEGRE	BRAZIL
21432	C	OSTROV KOTEL'NYJ	USSR	83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL
20069	C	OSTROV VIZE	USSR	82825	C	PORTO VELHO	BRAZIL
65503	C	OUAGADOUGOU	BURKINA FASO	84135	C	PORTO VIEJO-GRANJA	ECUADOR
65502	C	OUAHIGOUYA	BURKINA FASO	08546	C	PORTO/SERRA DO PILAR	PORTUGAL
60265	C	OUARAZATE	MOROCCO	87178	C	POSADAS AERO.	ARGENTINA
02875	C	OULU	FINLAND	09379	C	POTSDAM	GERMAN DEM REP
91765	C	PAGO PAGO/INT. AIRPORT	USA	12330	CT	POZNAN	POLAND
96221	C	PALEMBANG/TALANGBETUTU	INDONESIA	48500	C	PRACHUAP KHIRIKHAN	THAILAND
08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN	11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA
40061	C	PALMYRA	SYRIAN ARAB REP	11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA
43363	C	PAMBAN	INDIA	87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA
43285	T	PANAMBUR	INDIA	68262	C	PRETORIA	SOUTH AFRICA
41739	C	PANJUR	PAKISTAN	68263	T	PRETORIA (IRENE)	SOUTH AFRICA
41560	C	PARACHINAR	PAKISTAN	71896	C	PRINCE GEORGE, B.C.	CANADA
65330	C	PARAKOU	BENIN	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
87374	C	PARANA AERO	ARGENTINA	12695	C	PRZEMYSŁ	POLAND
07150	C	PARIS/LE BOURGET	FRANCE	84515	C	PUCALLPA	PERU
82287	C	PARNAIBA	BRAZIL	80139	C	PUERTO CARRENO	COLOMBIA
87814	C	PASO DE INDIOS	ARGENTINA	86086	C	PUERTO CASADO	PARAGUAY
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	87896	C	PUERTO DESEADO AERO	ARGENTINA
86460	C	PASO DE LOS TOROS	URUGUAY	78767	C	PUERTO LIMON	COSTA RICA
80342	C	PASTO/ANTONIO NARINO	COLOMBIA	84658	C	PUERTO MALDONADO	PERU
82791	C	PATOS	BRAZIL	85799	C	PUERTO MONTT	CHILE
06610	T	PAYERNE	SWITZ. LIECH.	86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY
12942	C	PECS	HUNGARY	85934	C	PUNTA ARENAS	CHILE
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	78760	C	PUNTARENAS	COSTA RICA
87544	C	PEHUAJO AERO	ARGENTINA	47159	C	PUSAN	REP KOREA
91554	C	PEKOÀ AIRPORT/ESPIRITU-SANTO	VANUATU	47058	C	PYONGYANG	DPR KOREA
67215	C	PEMBA	MOZAMBIQUE	56137	C	QAMDO	CHINA
48601	CT	PENANG/BAYAN LEPAS	MALAYSIA	54857	C	QINGDAO	CHINA
72688	C	PENDLETON, OR.	USA	50745	C	QIQIHAR	CHINA
72532	C	PEORIA/GREATER PEORIA, IL.	USA	67283	C	QUELIMANE	MOZAMBIQUE
80210	C	PEREIRA/MATECANA	COLOMBIA	41660	C	QUETTA AIRPORT	PAKISTAN
28225	C	PERM	USSR	80144	C	QUIBDO/EL CARANO	COLOMBIA
07747	C	PERPIGNAN	FRANCE	72797	C	QUILLAYUTE, WA.	USA
94610	C	PERTH AIRPORT	AUSTRALIA	82586	C	QUIXERAMOBIM	BRAZIL
16230	C	PESCARA	ITALY	94085	C	RABAUL M.O.	PAPUA N GUINEA
41530	C	PESHAWAR	PAKISTAN	40362	C	RAFHIA	SAUDI ARABIA
82983	C	PETROLINA	BRAZIL	72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA
32540	C	PETROPAVLOVSK-KAMCHATKIJ	USSR	48097	C	RANGOON	BURMA

# STATION LIST RECENT DATA

91958	CT	RAPA	FRENCH POLY.	87623	C	SANTA ROSA AERO	ARGENTINA
72662	C	RAPID CITY/REG., SD.	USA	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
91843	C	RAROTONGA	N ZEALAND	82668	C	SAO FELIX DO XINGU	BRAZIL
22602	C	REBOLY	USSR	82280	C	SAO LUIZ	BRAZIL
82900	C	RECIFE (CURADO)	BRAZIL	83781	C	SAO PAULO	BRAZIL
87270	C	RECONQUISTA AERO	ARGENTINA	83780	T	SAO PAULO (AEROPORTO)	BRAZIL
71863	C	REGINA, SASK.	CANADA	47412	CT	SAPPORO	JAPAN
72488	C	RENO/INTL, NV.	USA	13354	C	SARAJEVO	YUGOSLAVIA
87155	C	RESISTENCIA AERO.	ARGENTINA	34172	C	SARATOV	USSR
71924	C	RESOLUTE, N.W.T.	CANADA	65599	C	SASSANDRA	COTE D'IVOIRE
04030	C	REYKJAVIK	ICELAND	72734	C	SAULT STE. MARIE, MI.	USA
72401	C	RICHMOND/BYRD, VA.	USA	72207	C	SAVANNAH/MUNICIPAL, GA.	USA
91948	C	RIKITEA	FRENCH POLY.	65335	C	SAVE	BENIN
82915	C	RIO BRANCO	BRAZIL	10035	CT	SCHLESWIG	GERMANY, FED REP
87736	C	RIO COLORADO	ARGENTINA	72793	C	SEATTLE/S.-TACOMA, WA.	USA
87453	C	RIO CUARTO AERO	ARGENTINA	62124	C	SEBHA	LIBYAN ARAB JAMAHIRI
83743	C	RIO DE JANEIRO	BRAZIL	41256	CT	SEEB, INTERNATIONAL AIRPORT	OMAN
87925	C	RIO GALLEGOS AERO	ARGENTINA	25703	C	SEJMCAN	USSR
87934	C	RIO GRANDE B.A.	ARGENTINA	36177	C	SEMIPALATINSK	USSR
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	47590	CT	SENDAI	JAPAN
87065	C	RIVADAVIA	ARGENTINA	71811	C	SEPT-ILES, QUE.	CANADA
40438	C	RIYADH	SAUDI ARABIA	61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE
72411	C	ROANOKE/MUN., VA.	USA	60445	C	SETIF	ALGERIA
86565	C	ROCHA	URUGUAY	08390	C	SEVILLA/TABLADA	SPAIN
72644	C	ROCHESTER/MUN., MN.	USA	63985	T	SEYCHELLES INTL AP(RAW.STN)	SEYCHELLES
72529	C	ROCHESTER/R-MONROE CTY., NY.	USA	58367	C	SHANGAI	CHINA
61988	C	RODRIGUES	MAURITIUS	03962	C	SHANNON AIRPORT	IRELAND
06190	C	RONNE	DENMARK & FAROE IS.	59316	C	SHANTOU	CHINA
87480	C	ROSARIO AERO	ARGENTINA	41136	C	SHARURAH	SAUDI ARABIA
61489	C	ROSSO	MAURITANIA	71601	C	SHEARWATER, N.S.	CANADA
34731	C	ROSTOV-NA-DONU	USSR	54342	C	SHENYANG	CHINA
89062	C	ROTHERA POINT	U KINGDOM	72666	C	SHERIDAN/COUNTY, WY.	USA
45005	C	ROYAL OBSERVATORY	HONG KONG	47898	C	SHIMIZU/ASHIZURI	JAPAN
51777	C	RUOQIANG	CHINA	47778	CT	SHIONOMISAKI	JAPAN
89001	CT	S.A.N.A.E. STATION	SOUTH AFRICA	72248	C	SHREVEPORT/REG., LA.	USA
82106	C	S.GABRIEL DO CACHOEIRA(UAU.)	BRAZIL	15260	C	SIBIU	ROMANIA
71600	C	SABLE ISLAND, N.S.	CANADA	33946	C	SIMFEROPOL'	USSR
72483	C	SACRAMENTO/EXECUTIVE, CA.	USA	32195	C	SIMUSIR	USSR
06680	C	SAENTIS	SWITZ. LIECH.	48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE
42671	C	SAGAR	INDIA	47035	C	SINUJU	DPR KOREA
44354	C	SAINSHAND	MONGOLIA	72557	C	SIOUX CITY/MUN., IA.	USA
61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
61600	C	SAINT-LOUIS	SENEGAL	17090	C	SIVAS	TURKEY
71805	C	SAINT-PIERRE	ST. PIERRE MIQUELON	60355	C	SKIKDA	ALGERIA
08594	T	SAL	CAPE VERDE	13586	C	SKOPJE-PETROVAC	YUGOSLAVIA
41316	CT	SALALAH	OMAN	11903	C	SLIAC	CZECHOSLOVAKIA
23330	C	SALEHARD	USSR	02836	CT	SODANKYLA	FINLAND
72572	C	SALT LAKE CITY/INTL, UT.	USA	15614	C	SOFIA (OBSERV.)	BULGARIA
87047	C	SALTA AERO	ARGENTINA	65361	C	SOKODE	TOGO
86360	C	SALTO	URUGUAY	63962	C	SONGEA	U REP TANZANIA
86210	C	SALTOS DEL GUAIRA	PARAGUAY	48568	CT	SONGKHLA	THAILAND
83229	C	SALVADOR	BRAZIL	11146	C	SONNBICK	AUSTRIA
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	16746	C	SOUDA	GREECE
35925	C	SAM	USSR	72535	C	SOUTH BEND/ST. JOSEPH CO., IN.	USA
17030	CT	SAMSUN	TURKEY	13334	C	SPLIT/MARJAN	YUGOSLAVIA
80001	C	SAN ANDRES (ISLA)	COLOMBIA	72785	C	SPOKANE/INTL, WA.	USA
72263	C	SAN ANGELO/MATHIS, TX.	USA	72439	C	SPRINGFIELD/CAPITAL, IL.	USA
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	72440	C	SPRINGFIELD/MUN., MO.	USA
72253	C	SAN ANTONIO/INTL, TX.	USA	42027	CT	SRINAGAR	INDIA
84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR	61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS
72290	C	SAN DIEGO/LINDBERGH, CA.	USA	61901	C	ST. HELENA IS.	U KINGDOM
72494	C	SAN FRANCISCO/INTL, CA.	USA	72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA
84721	C	SAN JUAN	PERU	70308	C	ST. PAUL, AK.	USA
87311	C	SAN JUAN AERO	ARGENTINA	11028	C	ST. POELTEN	AUSTRIA
86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY	83997	C	ST. VITORIA DO PALMAR	BRAZIL
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO US POSS	01415	CT	STAVANGER/SOLA	NORWAY
87909	C	SAN JULIAN AERO	ARGENTINA	71815	C	STEPHENVILLE, NFLD.	CANADA
87436	C	SAN LUIS AERO	ARGENTINA	02464	C	STOCKHOLM/BROMMA	SWEDEN
65594	C	SAN PEDRO	COTE D'IVOIRE	03026	CT	STORNOWAY	U KINGDOM
87509	C	SAN RAFAEL AERO	ARGENTINA	07190	C	STRASBOURG	FRANCE
71101	C	SANDSPIT, B.C.	CANADA	10739	CT	STUTTGART/SCHNARRENBERG	GERMANY, FED REP
87912	C	SANTA CRUZ AERO	ARGENTINA	15360	C	SULINA	ROMANIA
60020	C	SANTA CRUZ DE TENERIFE	SPAIN	24738	C	SUNTAR	USSR
08515	C	SANTA MARIA (ACORES)	PORTUGAL	41268	C	SUR	OMAN
72394	C	SANTA MARIA/PUBLIC, CA.	USA	98653	C	SURIGAO	PHILIPPINES
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	01008	C	SVALBARD LUFTHAVN	NORWAY

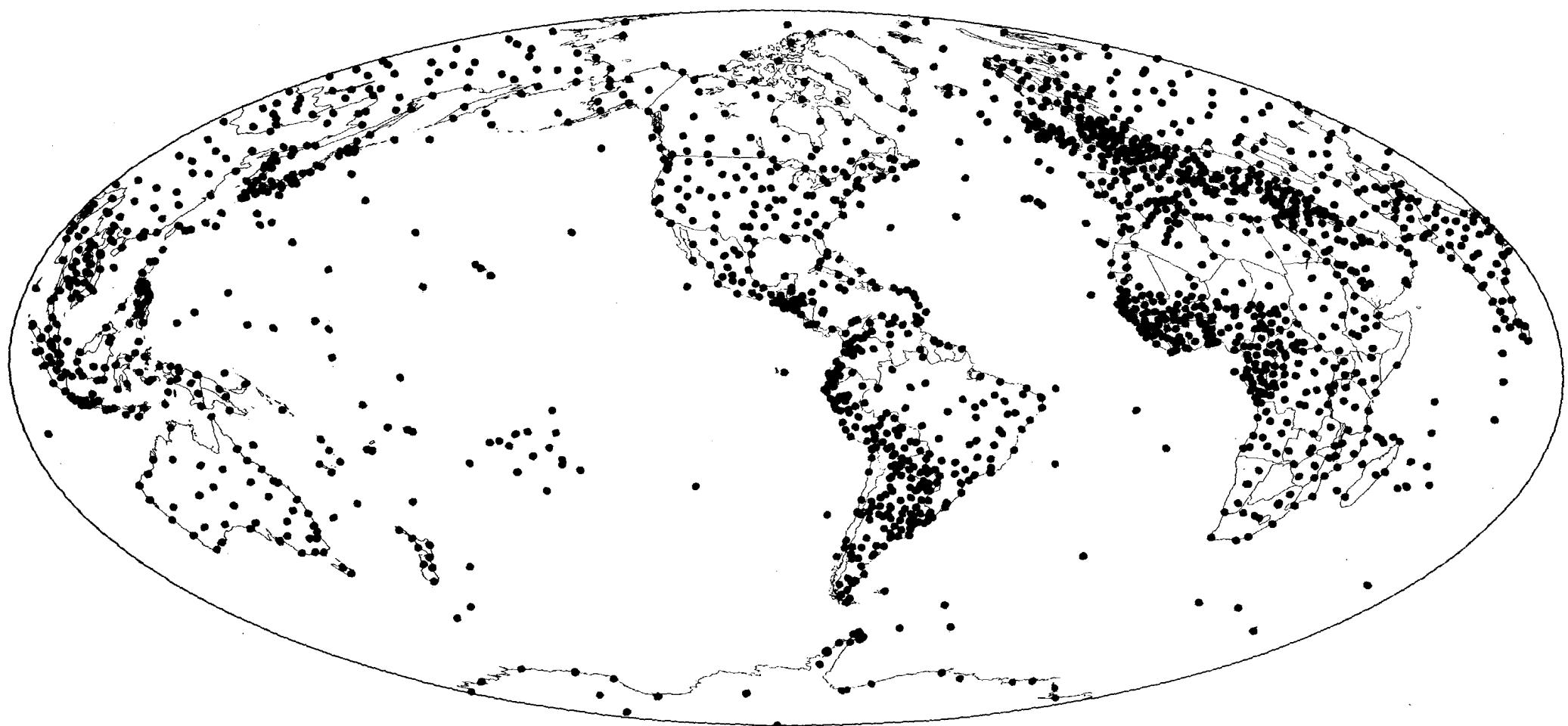
# STATION LIST RECENT DATA

28440	C	SVERDLOVSK	USSR	01025	C	TROMSO/LANGNES	NORWAY
94767	C	SYDNEY AIRPORT	AUSTRALIA	84501	C	TRUJILLO	PERU
71707	C	SYDNEY, N.S.	CANADA	91334	C	TRUK, CAROLINE IS.	USA
23804	C	SYKTYVKAR	USSR	91954	C	TUBuai	FRENCH POLY.
41891	C	SYLHET	BANGLADESH	72274	C	TUCSON/INTL, AZ.	USA
89532	CT	SYOWA	JAPAN	87121	C	TUCUMAN AERO	ARGENTINA
72519	C	SYRACUSE/HANCOCK, NY.	USA	98233	C	TUGUEGARAO	PHILIPPINES
12205	C	SZCZECIN	POLAND	72356	C	TULSA/INTL, OK.	USA
12982	CT	SZEGED	HUNGARY	80337	C	TUMACO/EL MIRA	COLOMBIA
65380	C	TABLIGBO	TOGO	84370	C	TUMBES	PERU
65592	C	TABOU	COTE D'IVOIRE	60715	C	TUNIS CARTHAGE	TUNISIA
40375	C	TABUK	SAUDI ARABIA	24507	C	TURA	USSR
98550	C	TACLOBAN	PHILIPPINES	40356	C	TURAIF	SAUDI ARABIA
84782	C	TACNA	PERU	35358	C	TURGAJ	USSR
98644	C	TAGBILARAN	PHILIPPINES	02972	C	TURKU	FINLAND
83235	C	TAGUATINGA	BRAZIL	23472	C	TURUHANSK	USSR
91938	CT	TAHITI-FAAA	FRENCH POLY.	48407	T	UBON RATCHATHANI	THAILAND
61043	C	TAHOUA	NIGER	06447	C	UCCLE	BELGIUM
41036	C	TAIF	SAUDI ARABIA	16045	C	UDINE/RIVOLTO	ITALY
91943	C	TAKAROA	FRENCH POLY.	48354	C	UDON THANI	THAILAND
84390	C	TALARA	PERU	44292	C	ULAN-BATOR	MONGOLIA
72214	C	TALLAHASSEE/MUN., FL.	USA	44214	C	ULGI	MONGOLIA
26038	C	TALLIN	USSR	44272	C	ULIASTAI	MONGOLIA
60680	C	TAMANRASSET	ALGERIA	76225	C	UNIV. DE CHIHUAHUA, CHIH.	MEXICO
61687	C	TAMBACOUNDA	SENEGAL	04209	C	UPERNAVIK AWS	DENMARK
38413	C	TAMDY	USSR	68424	CT	UPINGTON	SOUTH AFRICA
72211	C	TAMPA/INTL, FL.	USA	47426	C	URAKAWA	JAPAN
87645	C	TANDIL AERO	ARGENTINA	17270	C	URFA	TURKEY
96249	C	TANJUNGPANDAN/BULUH TUMBANG	INDONESIA	51463	C	URUMQI	CHINA
84455	C	TARAPOTO	PERU	87938	C	USHUAIA B.A.	ARGENTINA
91610	CT	TARAWA	N ZEALAND	30635	C	UST'-BARGUZIN	USSR
23552	C	TARKO-SALE	USSR	25325	C	UST'-OLOJ	USSR
38457	C	TASKENT	USSR	02911	C	VAASA	FINLAND
47646	T	TATENO	JAPAN	85766	C	VALDIVIA	CHILE
96481	CT	TAKAU	MALAYSIA	03953	CT	VALENTIA OBSERVATORY	IRELAND
37549	C	TBILISI	USSR	08141	C	VALLADOLID	SPAIN
96797	C	TEGAL	INDONESIA	03302	C	VALLEY	U KINGDOM
56739	C	TENGCHONG	CHINA	71892	C	VANCOUVER INTL AIRPORT, B.C.	CANADA
89053	C	TENIENTE JUBANY E.C.	ARGENTINA	01098	C	VARDØ	NORWAY
94238	C	TENNANT CREEK AIRPORT	AUSTRALIA	15552	C	VARNA	BULGARIA
83492	C	TEOFILO OTONI	BRAZIL	26477	C	VELIKIE LUKI	USSR
82578	C	TEREZINA	BRAZIL	83264	C	VERA (GLEBA CELESTE)	BRAZIL
67261	C	TETE	MOZAMBIQUE	42909	C	VERAVAL	INDIA
71867	C	THE PAS, MAN.	CANADA	24266	C	VERHOJANSK	USSR
16622	C	THESSALONIKI/MIKRA	GREECE	16090	C	VERONA/VILLAFRANCA	ITALY
06011	C	THORSHAVN	DENMARK & FAROE IS.	48112	C	VICTORIA POINT	BURMA
41314	C	THUMRAIT	OMAN	72255	C	VICTORIA/VICTORIA REG., TX.	USA
94175	C	THURSDAY ISLAND	AUSTRALIA	87791	C	VIEDMA AERO	ARGENTINA
60511	C	TIARET	ALGERIA	83208	CT	VILHENÄ	BRAZIL
61450	C	TIDJIKJA	MAURITANIA	24641	C	VILIUJSK	USSR
61036	C	TILLABERY	NIGER	60096	C	VILLA CISNEROS	WESTERN SAHARA
81002	C	TIMEHRI	GUYANA	87328	C	VILLA DOLORES AERO	ARGENTINA
60607	C	TIMIMOUN	ALGERIA	87448	C	VILLA REYNOLDS AERO	ARGENTINA
15247	C	TIMISOARA	ROMANIA	11212	C	VILLACHERALPE	AUSTRIA
84534	C	TINGO MARIA	PERU	86233	C	VILLARRICA	PARAGUAY
03100	C	TIREE	U KINGDOM	80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA	02590	C	VISBY FLYGPLATS	SHEDEN
60531	C	TLEMCEN (ZENATA)	ALGERIA	43149	C	VISHAKHAPATNAM	INDIA
28275	C	TOBOL'SK	USSR	83648	C	VITORIA	BRAZIL
47662	C	TOKYO	JAPAN	31960	C	VLADIVOSTOK	USSR
72536	C	TOLEDO/EXPRESS, OH.	USA	27037	C	VOLOGDA	USSR
72456	C	TOPEKA/MUN., KS.	USA	34122	C	VORONEZ	USSR
71624	C	TORONTO INTL AIRPORT, ONT.	CANADA	22837	C	VYTEGRA	USSR
60555	C	TOUGGUORT	ALGERIA	72256	C	WACO, MADISON-COOPER, TX.	USA
07630	C	TOULOUSE/BLAGNAC	FRANCE	03377	C	WADDINGTON	U KINGDOM
94294	C	TOWNSVILLE AIRPORT	AUSTRALIA	94910	C	WAGGA AIRPORT	AUSTRALIA
16429	C	TRAPANI/BIRGI	ITALY	47600	CT	WAJIMA	JAPAN
86500	C	TREINTA Y TRES	URUGUAY	91245	C	WAKE ISLAND AIRFIELD, WAKE I	USA
87828	C	TRELEW AERO	ARGENTINA	47401	CT	WAKKANAI	JAPAN
87688	C	TRES ARROYOS	ARGENTINA	09170	C	WARNEMUENDE	GERMAN DEM REP
83618	C	TRES LAGOAS	BRAZIL	12375	C	WARSZAWA-OKCIE	POLAND
16110	C	TRIESTE	ITALY	72405	C	WASHINGTON/NAT., VA.	USA
43418	C	TRINCOMALEE	SRI LANKA	40400	C	WEJH	SAUDI ARABIA
83650	C	TRINDADE (ILHA)	BRAZIL	72203	C	WEST PALM BEACH/INTL, FL.	USA
62010	C	TRIPOLI INTL AIRPORT	LIBYAN ARAB JAMAHIRI	71964	C	WHITEHORSE, Y.T.	CANADA
43371	CT	TRIVANDRUM	INDIA	72450	C	WICHITA, KS.	USA

# STATION LIST RECENT DATA

11035	CT	WIEN/HOHE WARTE	AUSTRIA
72513	C	WILKES-BARRE-SCRANTON, PA.	USA
94776	C	WILLIAMTOWN AERODROME	AUSTRALIA
94299	C	WILLIS ISLAND	AUSTRALIA
72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
72583	C	WINNEMUCCA/MUN., NV.	USA
71852	C	WINNIPEG INTL AIRPORT, MAN.	CANADA
12497	C	WLODDAWA	POLAND
47055	C	WONSAN	DPR KOREA,
94659	C	WOOMERA AERODROME	AUSTRALIA
12425	T	WROCLAW I	POLAND
12424	C	WROCLAW II	POLAND
57036	C	XI'AN	CHINA
56571	C	XICHANG	CHINA
72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
70361	C	YAKUTAT, AK.	USA
65563	C	YAMOUSSOUKRO	COTE D'IVOIRE
54292	C	YANJI	CHINA
64950	C	YAOUNDE	REP CAMEROON
91413	C	YAP, CAROLINE IS.	USA
40439	C	YENBO	SAUDI ARABIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
64900	C	YOKO	REP CAMEROON
47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	C	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
40986	C	ZARANJ	AFGHANISTAN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE)	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

# **CLIMATIC DATA STATIONS - WORLDWIDE**



CURRENT SERIAL PUBLICATIONS

A WORLD OF INFORMATION

For.....

- \* Industry
- \* Research and Development
- \* Public Utilities
- \* Government Agencies
- \* Attorneys
- \* Construction
- \* Consultants
- \* Insurance Companies
- \* Colleges and Universities
- \* Energy

HOURLY  
PRECIPITATION DATA  
ARIZONA

DECEMBER  
WITH ANNUAL SUPPLEMENT

HOURLY  
PRECIPITATION DATA  
ARIZONA

VOLUME 35 NUMBER



CLIMATOLOGICAL DATA  
ANNUAL SUMMARY  
ARIZONA

ISSN 0145-0367

CLIMATOLOGICAL DATA  
ARIZONA

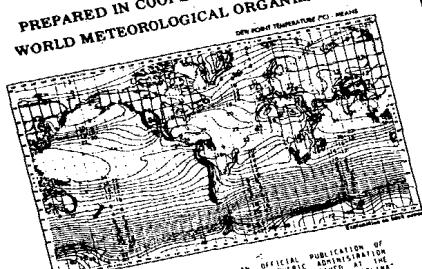
ISSN 0145-0367

LOCAL  
CLIMATOLOGICAL DATA  
Monthly Summary

Month	Year	Temperature (°F)												Precipitation (inches)											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Jan	1980	50	52	55	58	60	62	65	68	70	72	74	76	1.5	1.8	2.2	2.5	2.8	3.2	3.5	3.8	4.0	4.2	4.5	4.8
Feb	1980	48	50	53	56	58	60	63	66	68	70	72	74	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.5	3.7	4.0	4.3
Mar	1980	52	54	57	60	62	64	67	70	72	74	76	78	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.1	4.3	4.6	4.9
Apr	1980	55	57	60	63	65	67	70	73	75	77	79	81	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.5	4.7	5.0	5.3
May	1980	58	60	63	66	68	70	73	76	78	80	82	84	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.8	5.0	5.3	5.6
Jun	1980	60	62	65	68	70	72	75	78	80	82	84	86	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.3	5.5	5.8	6.1
Jul	1980	62	64	67	70	72	74	77	80	82	84	86	88	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.8	6.0	6.3	6.6
Aug	1980	64	66	69	72	74	76	79	82	84	86	88	90	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.3	6.6	6.9
Sep	1980	62	64	67	70	72	74	77	80	82	84	86	88	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.8	6.0	6.3	6.6
Oct	1980	58	60	63	66	68	70	73	76	78	80	82	84	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.5	5.7	6.0	6.3
Nov	1980	55	57	60	63	65	67	70	73	75	77	79	81	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.8	5.0	5.2	5.5	5.8
Dec	1980	52	54	57	60	62	64	67	70	72	74	76	78	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.8	5.0	5.3	5.6

MONTHLY CLIMATIC  
DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION



"I declare that this is an official publication of the National Oceanic and Atmospheric Administration and is supplied from information received at the National Climatic Data Center, Asheville, North Carolina." - 1980

DIRECTOR  
NATIONAL CLIMATIC DATA CENTER  
NOAA  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE,  
DATA, AND INFORMATION SERVICE  
ASHEVILLE, NC

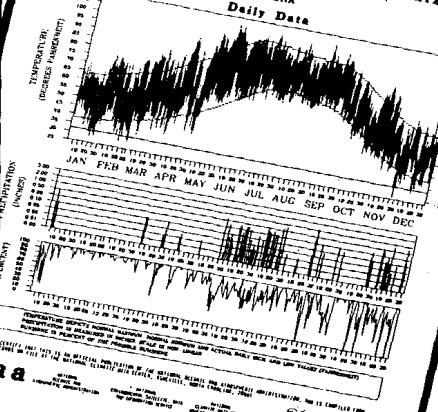
STORM DATA



"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is supplied from information received at the National Climatic Data Center, Asheville, North Carolina." - 1980

DONALD D. WILSON  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER  
NOAA  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE,  
DATA, AND INFORMATION SERVICE  
ASHEVILLE, NC

LOCAL CLIMATOLOGICAL DATA  
ANNUAL SUMMARY WITH COMPARATIVE DATA  
TUCSON, ARIZONA



LOCAL CLIMATOLOGICAL DATA  
ANNUAL SUMMARY WITH COMPARATIVE DATA  
TUCSON, ARIZONA



COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center  
January 1990

DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

BULK RATE  
POSTAGE & FEES PAID  
United States Department Of Commerce  
NOAA Permit No. G - 19

"FORWARDING AND RETURN POSTAGE GUARANTEED -  
ADDRESS CORRECTION REQUESTED"